Environment Canada Environnement Canada

Surface Water Data

Atlantic Provinces

Données sur les eaux de surface

Provinces de l'Atlantique

1981

Metric Commission Canada has granted use of the National Symbol for Metric Conversion. The metric usage in this text has been reviewed by the Metric Screening Office of the Canadian General Standards Board.

La Commission du système métrique Canada a autorisé l'utilisation du symbole national de conversion au système métrique. Le Service du contrôle métrique de l'Office des normes générales du Canada a revisé l'utilisation du système métrique dans cette publication.

INLAND WATERS DIRECTORATE
WATER RESOURCES BRANCH
WATER SURVEY OF CANADA
OTTAWA, CANADA, 1982

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
DIRECTION DES RESSOURCES EN EAU
DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA
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PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment, Ottawa.

The basic data were collected and compiled under the supervision of the Regional Chief of the Water Resources Branch at Dartmouth, Nova Scotia.

The co-operation received from provincial agencies and from other organizations is gratefully acknowledged.

PRÉFACE

La Division des relevés hydrologiques du Canada, sous l'autorité du Directeur des ressources en eau du ministère de l'Environnement (Ottawa), a préparé la présente publication.

On a recueilli et compilé les données de base sous la supervision du Chef régional de la Direction des ressources en eau, à Dartmouth (Nouvelle-Écosse).

On remercie vivement les organismes provinciaux, ou autres, pour la coopération qu'ils ont apportée.

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INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents for the 1981 calendar year, the results of the hydrometric survey investigations which were made in Newfoundland and Labrador, New Brunswick, Nova Scotia and Prince Edward Island by the Water Survey of Canada.

Details on individual stations and related records, as well as recent data which have not yet been published, may be obtained upon application to:

Regional Chief,
Water Resources Branch,
Department of the Environment,
5th Floor, Queen Square,
45 Alderney Drive,
Dartmouth, Nova Scotia.
B2Y 2N6

or to the Director, Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0E7.

ORGANIZATION AND HISTORY OF HYDROMETRIC SURVEY OPERATIONS

During 1981, the hydrometric surveys in Newfoundland and Labrador, New Brunswick, Nova Scotia and Prince Edward Island were conducted by the Water Survey of Canada under individual co-operative arrangements with each provincial government or its agency. The provincial authorities contributed to the cost of the basic field investigations which were carried out in accordance with mutually agreed-upon plans.

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INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente, pour l'année civile 1981, les résultats des relevés hydrométriques que la Division des relevés hydrologiques du Canada a effectués à Terre-Neuve, au Labrador, au Nouveau-Brunswick, en Nouvelle-Écosse et dans l'Île-du-Prince-Édouard.

En s'adressant aux endroits ci-après, on peut obtenir des renseignements supplémentaires sur certaines stations particulières et divers relevés, ainsi que des données récentes non encore publiées:

Chef régional
Direction des ressources en eau
Ministère de l'Environnement
Édifice Queen Square, 5e étage
45, prom. Alderney
Dartmouth (Nouvelle-Écosse)
B2Y 2N6

ou au Directeur, Direction des ressources en eau, ministère de l'Environnement, Ottawa (Ontario), K1A 0E7.

ORGANISATION ET HISTORIQUE DES RELEVÉS HYDROMÉTRIQUES

En 1981, la Division des relevés hydrologiques du Canada a effectué des relevés hydrométriques à Terre-Neuve, au Labrador, au Nouveau-Brunswick, en Nouvelle-Écosse et dans l'Île-du-Prince-Édouard en vertu d'accords conclus avec chaque province ou un de ses organismes provinciaux. Les autorités provinciales ont contribué au coût des recherches de base réalisées sur le terrain, après entente mutuelle sur leur programme.

In Nova Scotia, from 1915 to 1919, hydrometric investigations were conducted by the Dominion Water Power Branch in co-operation with the Nova Scotia Water Power Commission. A similar co-operative arrangement was made in 1918 with the Province of New Brunswick. On May 1, 1919, new agreements were made between the Government of Canada the Provinces of New Brunswick and Nova Scotia and an initial agreement made with the Province of Prince Edward Island whereby the Dominion Water Power Branch, which later became the Dominion Water and Power Bureau, assumed responsibility for basic water resources investigations in the three provinces. Although these arrangements were terminated on March 31, 1933, work was continued by the federal government under letter arrangements with the Provinces of New Brunswick and Nova Scotia. Work was discontinued in the Province of Prince Edward Island in 1933.

A new agreement with the Province of New Brunswick came into effect on April 1, 1951, and in 1961, a further agreement for the extension of hydrometric coverage was concurred in. A new agreement with the Province of Prince Edward Island was made in 1961 and hydrometric records were commenced in August. A co-operative agreement covering hydrometric surveys in Newfoundland and Labrador was ratified by both governments on March 24, 1950.

Co-operative agreements were negotiated with the four provinces (implementation date in each case was April 1, 1975) and signed by Prince Edward Island January 28, 1975, New Brunswick February 24, 1975, Newfoundland and Labrador February 25, 1975, and Nova Scotia April 28, 1975. The agreements provide that water quantity surveys will be continued by the federal government on a shared cost basis.

CO–OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to the following organizations:

Federal – Department of National Defence.

Provincial – Newfoundland Department of Environment;
Newfoundland and Labrador Hydro Corporation;
New Brunswick Electric Power Commission;
New Brunswick Department of Environment;
Nova Scotia Department of Lands and Forests;

De 1915 à 1919, la Direction fédérale de l'énergie hydraulique et la *Nova Scotia Water Power Commission* ont entrepris des recherches hydrométriques en Nouvelle-Écosse. La Direction a signé une entente semblable en 1918 avec le Nouveau-Brunswick. Le 1er mai 1919, le gouvernement du Canada a conclu de nouveaux accords avec le Nouveau-Brunswick et la Nouvelle-Écosse et un premier accord avec l'Île-du-Prince-Édouard, aux termes desquels la Direction fédérale de l'énergie hydraulique, devenue plus tard le Bureau fédéral de l'eau et de l'énergie, assumait la responsabilité des études de base sur les ressources en eau des trois provinces. Les accords ont pris fin le 31 mars 1933; toutefois, en vertu de lettres d'entente, le gouvernement fédéral a continué d'exécuter les observations pour les provinces du Nouveau-Brunswick et de la Nouvelle-Écosse. Il a dû abandonner les recherches relatives à l'Île-du-Prince-Édouard, en 1933.

Un nouvel accord avec le Nouveau-Brunswick est entré en vigueur le 1er avril 1951, suivi, en 1961, d'un autre qui visait à en élargir la portée. En 1961, le gouvernement fédéral a signé un nouvel accord avec la province de l'Île-du-Prince-Édouard, et les relevés hydrométriques ont débuté en août de la même année. Les deux paliers de gouvernement ont conclu un accord pour les relevés hydrométriques à Terre-Neuve et au Labrador le 24 mars 1950.

Le gouvernement fédéral a signé des accords (qui sont tous entrés en vigueur le 1er avril 1975) avec l'Île-du-Prince-Édouard, le 28 janvier 1975; avec le Nouveau-Brunswick, le 24 février 1975; avec la Terre-Neuve et le Labrador, le 25 février 1975; et avec la Nouvelle-Écosse, le 28 avril 1975. Selon les dispositions des accords, le gouvernement fédéral s'occupera du programme de relevés hydrométriques dans chacune des provinces et partagera avec elle le coût des mesures.

COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Direction des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

La Division des relevés hydrologiques du Canada est redevable aux organismes suivants de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques:

Niveau fédéral – Ministère de la Défense nationale.

Niveau provincial – Ministère de l'Environnement de Terre-Neuve,
Hydro-Terre-Neuve et Labrador,
Commission de l'énergie électrique du Nouveau-Brunswick,
Ministère de l'Environnement du Nouveau-Brunswick,
Ministère des Terres et Forêts de la Nouvelle-Écosse,

Nova Scotia Department of Environment;
Nova Scotia Power Corporation;
Prince Edward Island Department of Community Affairs;
Quebec Department of the Environment.

Municipal – City of Fredericton, New Brunswick;
City of Charlottetown, Prince Edward Island.

Private – *In Newfoundland* – Bowater Power Company Limited, Iron Ore Company of Canada Limited, Newfoundland Light and Power Company Ltd., Price (Newfoundland) Pulp and Paper Co. Ltd., Churchill Falls (Labrador) Corporation Ltd.
In New Brunswick – Consolidated-Bathurst Company Limited, Fraser Companies Limited.
In Main, U.S.A. – The Georgia-Pacific Corporation.

CONVERSION FACTORS

The following list of convenient equivalents of measure gives the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 5280 feet
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 2.5900 km^2 (square kilometres)
1 square mile equals 640 acres

1 ha (hectare) equals 10 000 m^2 (square metres)
1 ha (hectare) equals 2.4710 acres
1 km^2 (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 0.160 54 cubic foot
1 imperial gallon equals 4.546 09 L (litres)
1 U.S. gallon equals 0.133 68 cubic foot
1 imperial gallon equals 1.2010 U.S. gallons

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 dam^3 (cubic decametres)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second

1 cubic foot per second equals 0.028 317 m^3/s (cubic metre per second)
1 m^3/s (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit – 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

Ministère de l'Environnement de la Nouvelle-Écosse,
Nova Scotia Power Corporation,
Ministère des Affaires communautaires de l'Île-du-Prince-Édouard,
Ministère de l'Environnement du Québec.

Niveau municipal – Ville de Fredericton, Nouveau-Brunswick,
Ville de Charlottetown,
Île-du-Prince-Édouard.

Secteur privé – À Terre-Neuve – *Bowater Power Company Limited, Iron Ore Company of Canada Limited, Newfoundland Light and Power Company Ltd*, Société des pâtes et papiers Price (Terre-Neuve), et *Churchill Falls (Labrador) Corporation Ltd.*
Au Nouveau-Brunswick – *Consolidated-Bathurst Company Limited, Fraser Companies Limited.*
Dans le Maine (États-Unis) – *Georgia-Pacific Corporation.*

FACTEURS DE CONVERSION

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI).

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre vaut 5280 pieds
1 mille terrestre équivaut à 1.6093 km (kilomètre)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (mètre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre équivaut à 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré équivaut à 2.5900 km^2 (kilomètres carrés)
1 mille carré vaut 640 acres

1 ha (hectare) vaut 10 000 m^2 (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 km^2 (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impériaux
1 gallon impérial équivaut à 0.160 54 pied cube
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon américain équivaut à 0.133 68 pied cube
1 gallon impérial équivaut à 1.2010 gallon américain

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1.2335 dam^3 (décamètres cubes)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1.467 pied par seconde

1 pied cube par seconde équivaut à 0.028 317 m^3/s (mètre cube par seconde)
1 m^3/s (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204.6 livres

degrés Celsius = 5/9 (degrés Fahrenheit – 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

DEFINITION OF TERMS AND ABBREVIATIONS

"Control" is the condition downstream from a gauging station that determines the stage-discharge relationship. It may be a stretch of rapids, a weir or other artificial structure. In the absence of such features, the control may be a less obvious condition such as a convergence of the channel or even simply the resistance to flow through a downstream reach. A shifting control exists where the stage-discharge relationship tends to change because of impermanent bed or banks.

"Cubic metres per second" (m^3/s) is a unit expressing rate of discharge. One cubic metre per second is equal to one cubic metre of water flowing past a particular point in one second. This is the basic unit in general use, other units being computed from it by the use of factors as given in the previous paragraph under "Conversion Factors".

"Gauging station" is a location where systematic records of stage or stage and discharge are obtained.

"Miscellaneous (or related) data" is all data not published in the regular series of hydrometric and sediment data publications such as unpublished water levels and the various parameters that are measured in obtaining discharge measurements, e.g. water depth, velocity, width, air and water temperatures, ice thickness. This also includes discharge measurements and water level and sediment observations obtained at locations which are not regular gauging stations. Various types of "derived" data could also be considered "miscellaneous", such as water levels and discharges at selected time intervals (usually hourly).

"Stage-discharge relationship" is the relation between the water level and the discharge at a gauging station.

PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

Surface Water Data have been published in a variety of formats in imperial units since 1908 in approximately 270 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

DÉFINITIONS DES TERMES ET ABRÉVIATIONS

«Élément régulateur» – élément qui conditionne l'écoulement en aval d'une station de jaugeage et qui détermine la relation hauteur-débit au niveau de la station. Ce peut être une série de rapides, un déversoir ou toute autre structure artificielle. En l'absence de ces structures, l'élément régulateur peut provenir d'une condition moins apparente comme le rétrécissement d'un chenal ou simplement la résistance à l'écoulement d'un tronçon situé en aval. Il y a élément régulateur changeant quand la relation hauteur-débit tend à être modifiée par un lit ou des rives instables.

«Mètres cubes par seconde» (m^3/s) – unité du taux d'écoulement. Un mètre cube par seconde équivaut à un mètre cube d'eau s'écoulant en un point donné en une seconde. C'est l'unité de base généralement employée, les autres unités dérivées à partir de celle-ci sont données sous la rubrique «Facteurs de conversion».

«Station de jaugeage» – lieu où l'on effectue des relevés systématiques de la hauteur ou de la hauteur et du débit de l'eau.

«Les données diverses (ou connexes)» – représentent toutes les données qui ne sont pas publiées dans les séries régulières des publications sur les données hydrométriques et les sédiments, par exemple celles des niveaux des eaux et des autres paramètres qui sont mesurés en même temps que le débit, soit la profondeur de l'eau, sa vitesse, son étendue, la température de l'eau et de l'air, l'épaisseur de la glace. Les mesures de débit ainsi que les observations sur les niveaux des eaux et les sédiments, obtenues à des emplacements autres que les stations régulières de jaugeage, sont aussi incluses. D'autres types de données «dérivées» pourraient aussi être classées dans cette catégorie de données «diverses», à savoir les niveaux des eaux et les débits observés à des intervalles de temps précis (en général, toutes les heures).

«Relation hauteur-débit» – relation qui existe entre la hauteur et le débit au niveau d'une station de jaugeage.

PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 270 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui constituent la région des provinces de l'Atlantique, comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les données sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are presented in the International System of Units (SI) and future editions will be published biennially. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and the discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI) and future editions will be published every five years. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record to 1976 for all stations on lakes or reservoirs where water level data have been collected during the history of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations where streamflow data are collected are not normally published in the annual Surface Water Data publications). Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI) and future editions will be published every five years. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

During the years 1948–1960, some sediment data were collected for several prairie rivers to meet the demands of particular projects and the results included in the 1961 publication. All subsequent editions titled *Sediment Data Canadian Rivers* were published annually, the same as for the Surface Water Data publications but in one volume. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI) and will continue to be published on an annual basis.

La première édition de l'*Index de référence des données sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication pour tout le Canada. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrométriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplément de cartes hydrométriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de référence* et celle du *Supplément de cartes hydrométriques* annulent les éditions antérieures.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les cinq ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement allant jusqu'en 1976, pour toutes les stations de lacs ou de réservoirs où des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivières où des données de débit sont recueillies de même que des données sur les niveaux d'eau qui peuvent répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant des relevés de débit ne sont pas publiées dans les publications annuelles des données sur les eaux de surface). Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Systeme international d'unités (SI) et les éditions subséquentes vont paraître tous les cinq ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

De 1948 à 1960, certaines données sur les sédiments étaient recueillies de divers cours d'eau des Prairies afin de répondre aux besoins de projets particuliers et les résultats paraissaient dans l'édition de 1961. Toutes les éditions subséquentes intitulées *Données sur les sédiments de rivières canadiennes* étaient publiées annuellement, comme c'est le cas pour les données sur les eaux de surface, mais dans un seul tome. À partir de 1978, les données sont fournies dans le Système international d'unités (SI) et la publication va paraître chaque année.

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations where sediment data in Canada were collected by the Water Survey of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published biennially. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

The first edition of a new biennial publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI) and future editions will be published every five years. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

METHOD OF TABULATION OF SURFACE WATER DATA

For gauging stations where a systematic record of water level or discharge was obtained during the year under review, the following are given where available:

1. Table of daily water level or discharge;
2. Summary of monthly and annual data;
3. Descriptive information.

1. *The table of daily water level* or *discharge* gives the daily water level in metres or the daily discharge in cubic metres per second at the gauging station.

The following standard symbols are used opposite the daily stage or discharge to which they apply:

A – Manual Gauge – indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge. This symbol is used during open-water periods only.

B – Ice Conditions – indicates the presence of ice at the gauging station. For gauging stations where discharge data are obtained, this symbol indicates that the presence of ice has affected the stage-discharge relationship.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

La première édition de l'*Index de référence des données sur les sédiments* renfermait les données disponibles jusqu'en 1972. Elle comprenait une mise en tableaux des emplacements où des données sur les sédiments sont recueillies au Canada par la Division des relevés hydrologiques. L'Index est subdivisé alphabétiquement par province ou territoire et les stations de relevés des sédiments sont classées en ordre alphabétique. À partir de 1978, les données sont fournies dans le Système international d'unités (SI) et sont publiées tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

La première édition d'une nouvelle série de publications paraissant tous les deux ans et intitulée *Sommaire chronologique des données sur les sédiments de rivières canadiennes* renfermait les données disponibles jusqu'en 1974. Cette série présente un résumé des moyennes mensuelles et annuelles de la charge de sédiments en suspension, des extrêmes annuels de la concentration quotidienne et de la charge quotidienne des sédiments en suspension, ainsi que de la charge totale annuelle des sédiments en suspension. À partir de 1978, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les cinq ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

PRÉSENTATION SOUS FORME DE TABLEAUX DES DONNÉES SUR LES EAUX DE SURFACE

Pour les stations de jaugeage où on a effectué, au cours de l'année étudiée, un relevé systématique du débit ou du niveau, les données suivantes sont présentées, pour autant qu'elles soient disponibles:

1. un tableau du niveau ou du débit quotidien;
2. un extrait des données mensuelles et annuelles;
3. des renseignements descriptifs.

1. *Le tableau du niveau* ou *du débit quotidien* donne la hauteur des eaux, en mètres ou le débit, en mètres cubes par seconde, mesuré à la station de jaugeage.

Les symboles normalisés donnés ci-après sont inscrits à côté des valeurs auxquelles ils se rapportent:

A – Jauge manuelle – indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne pour la journée en question. Le symbole n'est employé qu'au cours de périodes d'eau libre.

B – Glaces – indique la présence de glaces à la station de jaugeage, qui ont faussé la relation hauteur-débit.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphique, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

2. *A summary of monthly and annual data* is given below the table of daily data.

For stations where only water level data are obtained, both a monthly and annual summary are given.

The monthly summary gives:
(a) the mean water level in metres for complete months;
(b) the maximum and minimum daily water level in metres.

The summary for the year gives:
(a) the mean water level in metres for complete years;
(b) the maximum and minimum daily water levels and their dates of first occurrence where applicable;
(c) the maximum instantaneous water level and the time of occurrence where available.

For stations where discharge data are collected, both a monthly and annual summary are given.

The monthly summary gives:
(a) the total of the daily discharge values for complete months;
(b) the mean discharge in cubic metres per second;
(c) the total discharge in cubic decametres;
(d) the maximum and minimum daily discharges in cubic metres per second.

The summary for the year or period gives:
(a) the mean discharge in cubic metres per second;
(b) the total discharge in cubic decametres;
(c) the maximum and minimum daily discharges and their dates of first occurrence;
(d) the maximum instantaneous discharge and the time of occurrence, where available.

3. *The descriptive information* about the gauging station is also given below the table of daily data and will indicate the following where applicable:

International Gauging Stations – on waters adjacent to the international boundary, certain gauging stations have been designated as "International" and records are approved jointly. Differences between figures published herein and corresponding figures in United States Water Supply Papers are due to variations in automated data processing techniques.

Type of Gauge – refers to the installation or method used to obtain water level or discharge data:

(a) Manual – a non-recording type of gauge from which observations of stage normally are obtained once daily.
(b) Recording – a water-stage recorder from which continuous water levels are obtained on an analog chart. For most International Gauging Stations located in the United States, water level records are obtained utilizing a digital recorder.
(c) Power Plant Rating – this indicates that records were obtained using the latest available rating of the Power Plant.

2. *Un extrait des données mensuelles et annuelles* est donné au-dessous du tableau des données quotidiennes.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le niveau.

L'extrait mensuel donne:
(a) le niveau moyen en mètres pour le mois entier, et
(b) les niveaux quotidiens maximal et minimal en mètres.

L'extrait annuel donne:
(a) le niveau moyen en mètres pour l'année entière;
(b) les niveaux quotidiens maximal et minimal ainsi que les dates de leur première observation, s'il y a lieu, et
(c) le niveau maximal instantané et l'heure de l'observation, s'il y a lieu.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le débit.

L'extrait mensuel donne:
(a) le total des valeurs quotidiennes du débit, pour le mois entier;
(b) le débit moyen en mètres cubes par seconde;
(c) le débit total en décamètres cubes, et
(d) les débits quotidiens maximal et minimal en mètres cubes par seconde.

L'extrait annuel ou périodique donne:
(a) le débit moyen en mètres cubes par seconde;
(b) le débit total en décamètres cubes;
(c) les débits quotidiens maximal et minimal ainsi que les dates de première observation, s'il y a lieu, et
(d) le débit maximal instantané et l'heure de l'observation, s'il y a lieu.

3. *Les renseignements descriptifs* sur les stations de jaugeage sont également présentés sous le tableau des données quotidiennes et apportent les précisions qui suivent, s'il y a lieu:

Stations internationales de jaugeage (International Gauging Stations) – Dans les eaux contiguës aux frontières, on a désigné certaines stations comme «internationales», et les données prélevées sont approuvées par les pays concernés. Les différences entre les chiffres publiés dans la présente publication et les *United States Water Supply Papers* proviennent de variantes dans les techniques de traitement automatique des données.

Type de jauge (Type of Gauge) – Il s'agit des jauges ou des méthodes de jaugeage utilisées pour obtenir les données sur le niveau et le débit d'un cours d'eau:

(a) Manuelle (Manual) – indique qu'un appareil non enregistreur sert à obtenir une fois par jour les données sur le niveau et le débit d'un cours d'eau.
(b) Enregistreuse (Recording) – indique qu'un limnigraphe permet de mesurer de façon continue le niveau des eaux tracé sur une carte analogique. La plupart des stations internationales de jaugeage des États-Unis obtiennent les données sur le niveau des eaux à l'aide d'un enregistreur numérique.
(c) Régime des stations hydrauliques (Power Plant Rating) – indique qu'on a obtenu les données grâce aux valeurs les plus récentes des régimes mesurés dans les stations hydrauliques.

Location – the latitude and longitude co-ordinates of the location of the gauge are given. For stations where the gauge is located in appreciable distance from the discharge measurement section, these co-ordinates give the location of the discharge measurement section.

Drainage Area – this is the latest available drainage area and refers to that area enclosed by a topographic divide such that direct surface runoff from precipitation would drain by gravity into the stream upstream from the location of the station. For a gauging station on a lake, this refers to the total drainage area at the outlet of the lake.

Contributed Data – if data were supplied in their entirety by an outside agency, the name of the co-operating agency is given.

Natural Flow or *Regulated* – where the flow is known to be natural, this is indicated. The flow of water in many river systems is affected by upstream regulation. In some cases, the extent of this regulation is not known and therefore is not indicated. However, where the regulation is known to be "appreciable", this is indicated as well as the year that the regulation began, if known.

Gauge Datum – for stations where only water level data are available, the name of the datum, to which water levels are referred, is given as well as an equation to convert to another datum if applicable. Detailed information on the description of the bench marks to which water levels are referred is available from the appropriate Regional Chief.

Remarks – unusual conditions which occur at a station are explained.

REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when daily discharges were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway, for example, these revisions may have been justified because a more reliable stage-discharge relationship had been developed.

Revisions to daily discharges or daily water levels are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

Emplacement (Location) – La latitude et la longitude de la station de jaugeage sont indiquées. Dans les cas où l'équipement de mesure est situé à un endroit éloigné de la section où le jaugeage est effectué, on indique les coordonnées de cette section.

Superficie du bassin versant (Drainage Area) – Il s'agit de la superficie du bassin versant déterminée d'après les cartes les plus récentes et désigne la zone délimitée par une ligne de partage des eaux de sorte que l'écoulement d'averse est entraîné par gravité vers le cours d'eau en amont de la station. S'il s'agit d'une station située sur un lac, elle représente la superficie totale jusqu'à l'émissaire du lac.

Données fournies (Contributed Data) – Nom de l'organisme extérieur qui a fourni les données.

Débit naturel ou *régularisé* (Natural Flow or Regulated) – Un débit reconnu comme naturel est indiqué comme tel. Le débit de plusieurs réseaux hydrographiques est modifié par une régularisation qui est effectuée en amont. Il arrive parfois que l'importance de cette régularisation ne soit pas connue, et elle n'est donc pas indiquée. Cependant, quand on sait que la régularisation est d'une certaine importance, on l'indique ainsi que l'année où elle a débuté (si elle est connue).

Plan de référence des jauges (Gauge Datum) – Pour les stations dans lesquelles on ne mesure que le niveau de l'eau, on indique le plan de référence de la jauge en question et l'équation permettant, au besoin, de convertir ce plan en un autre plan. En s'adressant au chef régional concerné, on peut obtenir des renseignements plus précis au sujet des niveaux de référence auxquels correspondent les niveaux mesurés.

Remarques (Remarks) – Les conditions inhabituelles qui prévalent à une station sont expliquées.

RÉVISIONS

On a corrigé ou révisé beaucoup de données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou de calculs lorsqu'on a enregistré les débits quotidiens sur rubans magnétiques et qu'on a recalculé à l'aide d'ordinateurs les moyennes mensuelles. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de données de base au cours de la révision rétrospective systématique des données de débit qu'on est à faire en ce moment. Ainsi, on peut justifier des corrections, par le fait qu'on ait trouvé une relation hauteur-débit plus sûre.

Les corrections apportées aux débits quotidiens ou aux niveaux d'eau quotidiens ne sont pas publiées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont identifiées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données sur les moyennes mensuelles et annuelles des débits et sur les extrêmes annuels des débits qu'on a révisées. On peut obtenir plus de détails sur les révisions en s'adressant au chef régional concerné.

ACCURACY OF HYDROMETRIC DATA

The overall accuracy or the degree of reliability of hydrometric data referred to herein, depends upon (1) the stability of the stage-discharge relationship; or if the control is unstable, the frequency of discharge measurements, and (2) the accuracy of observations of stage, measurements of discharge and interpretation of records. Because of all the variable factors mentioned above, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data.

A measure of the reliability of the records can be made by an examination of the distribution of the symbols A, B and E.

In general, data collected during open-water periods are more reliable than those collected during periods of ice conditions or those obtained by estimation. Further, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only, especially for small or flashy streams.

METRIC CONVERSION

In January 1980, all discharge, water level and sediment data on magnetic tape in the Water Survey of Canada data banks were converted to the International System of Units (SI). All requests for data and publications are now supplied in metric units only. The first documents to be published under the system were the Surface Water Data Reference Index (1979), Surface Water Data Series (1979), Historical Streamflow and Water Levels Summaries (to 1979), Sediment Data for Canadian Rivers (1978), Sediment Data Reference Index (1978), and Historical Sediment Data Summary (to 1978).

Daily discharge and water level data for years prior to 1979 and daily sediment data prior to 1978 in metric units are available on magnetic tape, but not in published form.

MICROFICHE

The historical daily discharge, water level and sediment data which were converted to metric units in January 1980 are also available to users on microfiche cards, upon request. The data are stored in station number order by Region in 1980 (Vancouver, Calgary, Regina, Winnipeg, Guelph, Montreal and Halifax) and therefore data for a particular province may include fiche from two or more Regions. There are 270 frames or printouts per microfiche at 48X reduction; there is also a visible heading showing the fiche number, type of data, Region, the beginning and ending station number and year of data and the month/year that the fiche was created; the last frame is an index of the contents of that fiche.

Daily discharge and water level data for 1979 and subsequent years, and daily sediment data for 1978 and subsequent years are available annually on microfiche.

EXACTITUDE DES DONNÉES HYDROMÉTRIQUES

La précision totale ou le degré d'exactitude des données hydrométriques dont on parle ici sont basés sur (1) la stabilité de la relation hauteur-débit ou, si l'élément régulateur est changeant, sur la fréquence des mesures de débits, et (2) sur la précision des observations sur les niveaux, des mesures de débits et de l'interprétation des relevés. À cause de toutes les variables déjà mentionnées, on a normalisé pour des fins d'uniformité de présentation le nombre de chiffres significatifs, mais ceci ne réflète pas le degré d'exactitude des données.

L'exactitude des données peut être appréciée par l'examen de la répartition des symboles A, B et E.

En général, les données recueillies au cours des périodes d'eau libre sont plus sûres que celles qui sont obtenues au cours des périodes de glaces ou par estimation. De plus, les données sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus certaines et plus exactes que celles qui sont mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas de petits cours d'eau ou de cours d'eau à crues très rapides.

CONVERSION AU SYSTÈME MÉTRIQUE

En janvier 1980, toutes les données de l'écoulement, des niveaux d'eau et des sédiments stockées sur ruban magnétique dans les banques de données de la Division des relevés hydrologiques du Canada ont été converties au Système international d'unités (SI). Toutes les demandes de données et de publications sont maintenant remplies selon les unités métriques seulement. Les premiers documents à être publiés selon le système métrique ont été l'*Index de référence des données sur les eaux de surface (1979)*, la série des *Données sur les eaux de surface (1979)*, les *Sommaires chronologiques de l'écoulement et des niveaux d'eau (jusqu'à 1979)*, les *Données sur les sédiments des rivières canadiennes (1978)*, l'*Index de référence des données sur les sédiments (1978)* et le *Sommaire chronologique des données sur les sédiments (jusqu'à 1978)*.

Les données du débit quotidien et des niveaux d'eau pour les années antérieures à 1979 et les données quotidiennes des sédiments avant 1978 en unités métriques sont disponibles sur ruban magnétique, mais ne sont pas publiées.

MICROFICHE

En janvier 1980, les données chronologiques concernant les débits quotidiens, les niveaux d'eau et les sédiments ont été converties en unités métriques. Elles sont également disponibles sur microfiche aux usagers qui en font la demande. Ces données sont emmagasinées par ordre de numéro de station et par région en 1980 (Vancouver, Calgary, Regina, Winnipeg, Guelph, Montréal ou Halifax). Les données relatives à une province en particulier peuvent donc inclure des fiches en provenance de deux régions ou plus. Chaque microfiche renferme 270 pages réduites de 48X. L'en-tête indique le numéro de la fiche, le genre de données, la région, le numéro de la première et de la dernière station, celui de la première et de la dernière année de cueillette, et le mois et l'année de préparation de la fiche. La dernière image donne l'index du contenu de la fiche.

Les données sur les débits quotidiens et les niveaux d'eau recueillies à partir de 1979 ainsi que les données quotidiennes sur les sédiments dès 1978 sont disponibles sur microfiche chaque année.

NEWFOUNDLAND AND LABRADOR

ALEXIS RIVER NEAR PORT HOPE SIMPSON - STATION NO. 03QC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	22.1B	14.0B	10.3 B	8.21B	68.0B	288	50.4	32.3	25.3	130	33.1	17.6 B	1
2	21.5B	13.9B	10.2 B	8.21B	85.0B	270	45.4	42.6	24.1	109	32.9	17.0 B	2
3	21.2B	13.7B	10.3 B	8.16B	127 B	231	38.9	58.4	22.2	89.4	30.5	16.4 B	3
4	21.0B	13.6B	10.5 B	8.07B	164 B	194	32.4	69.4	20.3	90.7	28.2	15.9 B	4
5	20.7B	13.5B	10.5 B	8.07B	169	163	28.9	65.6	19.0	145	24.8	15.3 B	5
6	20.4B	13.3B	10.3 B	8.01B	245	136	26.6	55.0	18.2	138	24.9	14.7 B	6
7	20.1B	13.2B	10.2 B	8.01B	308	115	26.8	43.2	17.7	135	31.3	14.2 B	7
8	19.8B	13.0B	9.91B	7.93B	293	120	36.0	33.9	17.9	176	93.5	13.9 B	8
9	19.5B	12.9B	9.77B	7.93B	335	209	44.2	29.3	17.4	152	111	13.6 B	9
10	19.3B	12.7B	9.63B	7.93B	279	213	40.9	26.2	16.6	118	106	13.3 B	10
11	19.0B	12.6B	9.49B	7.87B	281	183	41.2	23.5	15.8	92.9	87.6	13.0 B	11
12	18.7B	12.5B	9.34B	7.87B	296	153	41.4	21.6	14.8	74.9	75.7	12.7 B	12
13	18.4B	12.3B	9.34B	7.82B	291	122	36.7	21.8	14.0	64.3	57.3	12.5 B	13
14	18.1B	12.2B	9.20B	7.79B	251	100	44.3	21.3	14.7	52.6	55.8	12.2 B	14
15	17.8B	12.0B	9.34B	7.73B	287	98.7	63.4	19.3	16.6	47.7	47.4	11.9 B	15
16	17.6B	11.9B	9.49B	7.65B	327	109	201	19.4	17.9	42.4	40.7	11.6 B	16
17	17.3B	11.8B	9.49B	7.59B	336	98.9	187	93.4	22.9	38.6	34.6	11.3 B	17
18	17.0B	11.6B	9.34B	7.50B	266	97.8	143	157	31.1	39.1	32.6	11.0 B	18
19	16.7B	11.5B	9.20B	7.45B	263	91.6	155	124	29.3	37.5	29.7B	10.8 B	19
20	16.4B	11.3B	9.06B	7.45B	246	78.7	147	95.9	33.3	34.8	28.3B	10.5 B	20
21	16.1B	11.3B	8.92B	7.65B	261	74.8	106	72.1	79.1	33.2	26.9B	10.3 B	21
22	15.9B	11.2B	8.78B	8.50B	267	67.0	76.2	56.1	75.6	34.3	25.2B	10.2 B	22
23	15.6B	11.2B	8.69B	10.5 B	268	71.7	68.6	46.3	59.3	33.4	23.8B	10.1 B	23
24	15.4B	10.9B	8.64B	14.2 B	261	95.0	58.9	41.6	43.8	43.7	22.7B	9.91B	24
25	15.3B	10.9B	8.50B	17.0 B	267	93.2	44.9	45.8	40.3	76.5	21.8B	9.77B	25
26	15.0B	10.8B	8.50B	21.2 B	249	83.7	34.9	41.7	51.7	78.5	21.0B	9.63B	26
27	14.9B	10.6B	8.50B	25.5 B	237	99.4	29.4	35.5	68.9	63.6	20.1B	9.49B	27
28	14.7B	10.5B	8.44B	31.1 B	244	98.9	27.3	38.9	73.3	56.2	19.5B	9.34B	28
29	14.4B		8.35B	42.5 B	262	81.7	33.7	38.8	59.5	52.1	19.0B	9.20B	29
30	14.2B		8.35B	53.8 B	279	65.1	38.2	33.7	99.9	40.8	18.1B	9.06B	30
31	14.2B		8.30B		296		36.6	29.0		36.3		8.92B	31
TOTAL	548.3	340.9	288.87	389.20	7 808.0	3 902.2	1 985.2	1 532.6	1 060.5	2 356.5	1 224.0	375.32	TOTAL
MEAN	17.7	12.2	9.32	13.0	252	130	64.0	49.4	35.4	76.0	40.8	12.1	MEAN
MAX	22.1	14.0	10.5	53.8	336	288	201	157	99.9	176	111	17.6	MAX
MIN	14.2	10.5	8.30	7.45	68.0	65.1	26.6	19.3	14.0	33.2	18.1	8.92	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 59.8
MAXIMUM DAILY, 336 ON MAY 17
MINIMUM DAILY, 7.45B ON APR 19
MAXIMUM INSTANTANEOUS,
422 AT 17:42 AST ON MAY 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 38 57 N
LONG 56 52 17 W
DRAINAGE AREA, 2 310 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	47 400	JUL	172 000
FEB	29 500	AUG	132 000
MAR	25 000	SEP	91 600
APR	33 600	OCT	204 000
MAY	675 000	NOV	106 000
JUN	337 000	DEC	32 400

TOTAL DISCHARGE, 1 890 000 dam³

ASHUANIPI RIVER AT MENIHEK RAPIDS - STATION NO. 030A001

DAILY DISCHARGE IN CUBIC METRZS PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	149	132	108	113	521	2 440	926	552	211	227	351	97.4	1
2	142	126	109	108	518	2 540	926	552	190	214	328	111	2
3	132	126	105	121	518	2 860	906	555	99.1	343	362	115	3
4	123	157	104	115	513	2 700	912	555	101	334	365	124	4
5	128	157	107	115	513	2 680	742	564	118	609	184	109	5
6	148	147	96.8	117	507	2 490	739	555	136	606	180	117	6
7	148	140	106	117	498	2 330	728	555	130	430	178	113	7
8	141	131	101	120	496	2 090	648	561	202	436	175	170	8
9	150	127	107	122	487	1 950	665	566	331	439	175	238	9
10	184	144	109	95.4	476	2 050	665	564	343	439	180	215	10
11	178	149	106	96.6	476	2 110	665	566	343	433	180	226	11
12	178	129	111	110	473	2 110	657	422	357	433	176	253	12
13	182	158	114	113	464	1 920	657	416	343	436	184	247	13
14	187	141	109	115	456	1 870	538	425	348	433	179	197	14
15	187	153	106	114	459	1 860	538	425	234	433	173	198	15
16	186	147	106	140	442	1 850	532	422	161	436	168	209	16
17	182	127	126	131	445	1 680	362	425	114	436	168	208	17
18	143	121	118	121	462	1 670	362	430	110	348	174	202	18
19	140	125	115	120	462	1 460	360	416	112	348	183	205	19
20	149	124	114	123	476	1 460	345	425	104	360	178	146	20
21	156	114	113	127	852	1 460	351	433	110	119	176	149	21
22	151	97.4	111	131	937	1 290	354	425	129	126	176	150	22
23	159	98.5	115	114	1 080	1 240	357	572	120	123	170	123	23
24	148	112	118	112	1 190	1 080	354	572	119	106	174	125	24
25	139	101	118	116	1 260	1 090	351	575	119	110	179	114	25
26	146	105	112	108	1 410	1 080	558	575	111	109	177	116	26
27	150	104	128	116	1 430	1 070	555	428	119	112	178	122	27
28	146	112	124	118	1 600	903	564	430	228	114	175	122	28
29	152		115	110	1 620	909	558	430	232	122	182	122	29
30	154		116	476	1 620	929	561	425	207	225	185	116	30
31	146		120		1 760		558	294		357		121	31
TOTAL	4 804	3 604.9	3 467.8	3 855.0	24 421	53 171	17 994	15 110	5 581.1	9 796	6 013	4 880.4	TOTAL
MEAN	155	129	112	129	788	1 770	580	487	186	316	200	157	MEAN
MAX	187	158	128	476	1 760	2 860	926	575	357	609	365	253	MAX
MIN	123	97.4	96.8	95.4	442	903	345	294	99.1	106	168	97.4	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 418
MAXIMUM DAILY, 2 860 ON JUN 3
MINIMUM DAILY, 95.4 ON APR 10

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 54 27 18 N
LONG 66 37 30 W
DRAINAGE AREA, 19 000 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	415 000	JUL	1 550 000
FEB	311 000	AUG	1 310 000
MAR	300 000	SEP	482 000
APR	333 000	OCT	846 000
MAY	2 110 000	NOV	520 000
JUN	4 590 000	DEC	422 000

TOTAL DISCHARGE, 13 200 000 dam³

DATA CONTRIBUTED BY -
IRON ORE COMPANY OF CANADA LIMITED

REGULATED

NEWFOUNDLAND AND LABRADOR

ASHUANIPI RIVER BELOW WIGHTMAN LAKE - STATION NO. 030A004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	665	493	249E	178	129E	124	85.0B	1
2	---	---	---	---	---	702	481	252E	175	129E	125	83.5B	2
3	---	---	---	---	---	739	470	252E	173	130E	124	82.1B	3
4	---	---	---	---	---	772	453	253E	169	132E	114	80.7B	4
5	---	---	---	---	---	790	439	255E	163	135	111	80.1B	5
6	---	---	---	---	---	804	425	253E	160	136	118	79.3B	6
7	---	---	---	---	---	816	408	252E	157	132	116	77.9B	7
8	---	---	---	---	---	818	388	249E	156	129	114	76.5B	8
9	---	---	---	---	---	813	371	246E	156	125	116	75.0B	9
10	---	---	---	---	---	801	357	244E	157	125	116	74.2B	10
11	---	---	---	---	---	782	345	241E	152	126	114	73.6B	11
12	---	---	---	---	---	770	337	238E	146	129	113	72.8B	12
13	---	---	---	---	---	750	328	235E	142	132	114	72.2B	13
14	---	---	---	---	---	733	314	232E	139	135	118	71.6B	14
15	---	---	---	---	---	716	303	229E	136	136	119	70.8B	15
16	---	---	---	---	---	697	297E	227E	135	136	118	69.4B	16
17	---	---	---	---	---	688	289E	224E	134	136	114	68.0B	17
18	---	---	---	---	---	671	283E	221E	132	139	110	66.5B	18
19	---	---	---	---	---	654	278E	218E	131	140	106	66.0B	19
20	---	---	---	---	---	623	272E	212E	131	142	102	65.1B	20
21	---	---	---	---	---	603	266E	204E	133	139	101	64.6B	21
22	---	---	---	---	---	578	261E	198E	133	138	99.1B	64.0B	22
23	---	---	---	---	---	558	255E	193E	133	137	97.7B	63.4B	23
24	---	---	---	---	---	535	249E	190E	133	134	94.9B	62.3B	24
25	---	---	---	---	---	532	244E	187E	129	134	93.4B	60.9B	25
26	---	---	---	---	---	524	241E	185E	125	134	92.0B	59.5B	26
27	---	---	---	---	416	510	241E	184E	126	136	90.6B	58.9B	27
28	---	---	---	---	456	510	244E	184E	127	133	89.2B	58.3B	28
29	---		---	---	510	510	244E	183E	127	126	87.8B	57.8B	29
30	---		---	---	578	504	246E	181E	127E	121	86.4B	57.2B	30
31	---		---		631		248E	180E		122		56.6B	31
TOTAL	---	---	---	---	---	20 168	10 070	6 851	4 315	4 107	3 238.1	2 153.8	TOTAL
MEAN	---	---	---	---	---	672	325	221	144	132	108	69.5	MEAN
MAX	---	---	---	---	---	818	493	255	178	142	125	85.0	MAX
MIN	---	---	---	---	---	504	241	180	125	121	86.4	56.6	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 13 40 N
LONG 66 12 24 W
DRAINAGE AREA, 8 310 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	870 000
FEB	---	AUG	592 000
MAR	---	SEP	373 000
APR	---	OCT	355 000
MAY	---	NOV	280 000
JUN	1 740 000	DEC	186 000

DATA CONTRIBUTED BY -
CHURCHILL FALLS (LABRADOR) CORPORATION LIMITED

ATIKONAK RIVER (WEST BRANCH) BELOW KEPIMITS LAKE - STATION NO. 030C004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	39.6B	728	479	228	138	94.0	112	52.4B	1
2	---	---	---	---	41.1B	765	476	229	134	94.3	114	51.8B	2
3	---	---	---	---	42.5B	796	464	231	130	96.3	119	51.0B	3
4	---	---	---	---	43.9B	818	453	235	127	98.3	125 E	49.6B	4
5	---	---	---	---	46.7B	833	436	235	124	102	127 E	48.1B	5
6	---	---	---	---	48.1B	841	416	235	124	106	127 E	47.6B	6
7	---	---	---	---	51.0B	838	408	234	122	110	122 E	46.7B	7
8	---	---	---	---	53.8B	841	399	231	119	108	116 E	46.2B	8
9	---	---	---	---	55.2B	838	382	230	114	104	110 E	45.3B	9
10	---	---	---	---	56.6B	827	368	228	106	105	105 E	44.7B	10
11	---	---	---	---	66.5	810	354	226	104	109	96.3B	43.9B	11
12	---	---	---	---	69.7	801	337	222	104	112	90.6B	43.3B	12
13	---	---	---	---	73.1	776	326	220	103	115	85.0B	42.5B	13
14	---	---	---	---	79.9	756	314	220	101	117	82.1B	41.9B	14
15	---	---	---	---	87.5	736	297	219	99.7	118	79.3B	41.1B	15
16	---	---	---	---	98.0	714	286	208	97.4	119	76.5B	40.5B	16
17	---	---	---	---	115	685	279	202	96.3	122	73.6B	39.6B	17
18	---	---	---	---	142	677	271	197	94.6	122	70.8B	39.1B	18
19	---	---	---	---	181	654	261	193	91.7	119	68.0B	38.5B	19
20	---	---	---	---	215	629	251	187	88.6	117	65.1B	37.9B	20
21	---	---	---	---	247 E	617	239	182	93.4	122	63.7B	37.4B	21
22	---	---	---	---	279	592	234	180	99.1	122	62.3B	36.8B	22
23	---	---	---	---	323	555	241	175	98.8	122	60.9B	36.2B	23
24	---	---	---	---	371	541	237	171	96.6	121	59.5B	35.7B	24
25	---	---	---	---	422	538	234	165	94.6	124	58.0B	35.1B	25
26	---	---	---	---	476	521	231	161	93.7	124	56.6B	34.5B	26
27	---	---	---	---	521	513	229	155	95.1	122	55.2B	34.3B	27
28	---	---	---	---	564	515	235	153	92.3	121	54.7B	34.0B	28
29	---		---	---	600	504	236	151	90.6	123	53.8B	33.4B	29
30	---		---	---	646	490	232	147	91.7	123	53.0B	33.1B	30
31	---		---		688		230	142		113		32.8B	31
TOTAL	---	---	---	---	6 743.2	20 749	9 835	6 192	3 164.2	3 524.9	2 542.0	1 275.0	TOTAL
MEAN	---	---	---	---	218	692	317	200	105	114	84.7	41.1	MEAN
MAX	---	---	---	---	688	841	479	235	138	124	127	52.4	MAX
MIN	---	---	---	---	39.6	490	229	142	88.6	94.0	53.0	32.8	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 39 10 N
LONG 64 50 51 W
DRAINAGE AREA, 7 070 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	850 000
FEB	---	AUG	535 000
MAR	---	SEP	273 000
APR	---	OCT	305 000
MAY	583 000	NOV	220 000
JUN	1 790 000	DEC	110 000

DATA CONTRIBUTED BY -
CHURCHILL FALLS (LABRADOR) CORPORATION LIMITED

ATIKONAK RIVER ABOVE ATIKONAK LAKE - STATION NO. 03OC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	31.1B	733	282	---	---	---	---	---	1
2	---	---	---	---	34.0B	711	256	---	---	---	---	---	2
3	---	---	---	---	38.2B	643	232	---	---	---	---	---	3
4	---	---	---	---	42.5B	572	211	---	---	---	---	---	4
5	---	---	---	---	45.3B	515	193	---	---	---	---	---	5
6	---	---	---	---	52.4	479	178	---	---	---	---	---	6
7	---	---	---	---	62.6	464E	165	---	---	---	---	---	7
8	---	---	---	---	69.9	450	156	---	---	---	---	---	8
9	---	---	---	---	76.7	445	148	---	---	---	---	---	9
10	---	---	---	---	88.9	430	141	---	---	---	---	---	10
11	---	---	---	---	107	411	134	---	---	---	---	---	11
12	---	---	---	---	123	388	128	69.7A	---	---	---	---	12
13	---	---	---	---	142	365	123	---	---	---	---	---	13
14	---	---	---	---	163	340	117	---	---	---	---	---	14
15	---	---	---	---	187	317	109	---	---	---	---	---	15
16	---	---	---	---	226	297	106	---	---	---	---	---	16
17	---	---	---	---	277	286	110	---	---	---	---	---	17
18	---	---	---	---	362	282	112	---	---	---	---	---	18
19	---	---	---	---	476	281	112	---	---	---	---	---	19
20	---	---	---	---	566	270	106	---	---	---	---	---	20
21	---	---	---	---	580	251	100	---	---	---	---	---	21
22	---	---	---	---	558	232	94.9	---	---	---	---	---	22
23	---	---	---	---	547	216	91.5	---	58.9A	---	---	---	23
24	---	---	---	---	544	221	85.0	---	---	---	---	---	24
25	---	---	---	---	521	239	---	---	---	---	---	---	25
26	---	---	---	---	547	256	---	---	---	---	---	---	26
27	---	---	---	---	575	274	---	---	---	---	---	---	27
28	---	---	---	---	583	306	---	---	---	---	---	---	28
29	---		---	---	583	323	---	---	---	89.5A	---	---	29
30	---		---	---	612	311	---	---	---	---	51.5A	---	30
31	---		---		674		---	---		---		---	31
TOTAL	---	---	---	---	9 494.6	11 308	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	306	377	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	674	733	---	---	---	---	---	---	MAX
MIN	---	---	---	---	31.1	216	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 17 14 N
LONG 64 19 40 W
DRAINAGE AREA, 3 680 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	820 000	NOV	---
JUN	977 000	DEC	---

DATA CONTRIBUTED BY -
CHURCHILL FALLS (LABRADOR) CORPORATION LIMITED

ATIKONAK RIVER ABOVE PANCHIA LAKE - STATION NO. 03OC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	76.5B	1 570	1 360	532	317	161	277	133 B	1
2	---	---	---	---	79.3B	1 630	1 300	532	297	189	272	130 B	2
3	---	---	---	---	82.1B	1 680	1 270	532	300	195	283	127 B	3
4	---	---	---	---	87.8B	1 730	1 270	527	297	193	297	125 B	4
5	---	---	---	---	96.3B	1 730	1 240	507	294	172	306	123 B	5
6	---	---	---	---	107	1 730	1 230	467	292	206	279	122 B	6
7	---	---	---	---	110	1 710	1 240	479	280	222	256	120 B	7
8	---	---	---	---	119	1 720	1 250	484	280	212	236	119 B	8
9	---	---	---	---	120	1 730	1 220	484	274	214	215	118 B	9
10	---	---	---	---	136	1 750A	1 190	484	271	219	250	116 B	10
11	---	---	---	---	188	1 740A	1 190	481	267	223	253	115 B	11
12	---	---	---	---	164	1 740E	1 150	481	256	234	248	113 B	12
13	---	---	---	---	183	1 700A	1 110	481	244	267	249	112 B	13
14	---	---	---	---	215	1 700E	1 100	481	227	270	216	110 B	14
15	---	---	---	---	248	1 680E	1 050	481	221	264	223	109 B	15
16	---	---	---	---	292	1 610E	980	481	224	255	222	108 B	16
17	---	---	---	---	354	1 570A	954	476	225	249	193	106 B	17
18	---	---	---	---	436	1 670E	929	467	242	259	181B	105 B	18
19	---	---	---	---	436	1 730	889	459	217	267	176B	103 B	19
20	---	---	---	---	530	1 720	864	453	188	273	170B	102 B	20
21	---	---	---	---	626	1 700	835	442	183	278	164B	101 B	21
22	---	---	---	---	733	1 690	790	411	174	281	159B	99.1B	22
23	---	---	---	---	841	1 650	739	377	168	294	156B	97.7B	23
24	---	---	---	---	1 010	1 590	663	405	168	294	153B	96.3B	24
25	---	---	---	---	1 090	1 590	668	394	168	278	150B	95.7B	25
26	---	---	---	---	1 160	1 550	682	365	156	282	147B	95.1B	26
27	---	---	---	---	1 230	1 510	665	368	159	311	144B	94.6B	27
28	---	---	---	---	1 300	1 470	646	362	168	303	142B	94.0B	28
29	---		---	---	1 370	1 410	629	362	156	271	139B	93.4B	29
30	---		---	---	1 480	1 390	606	348	157	279	136B	92.9B	30
31	---		---		1 500		535	345		277		92.3B	31
TOTAL	---	---	---	---	16 360.0	49 390	30 244	13 948	6 870	7 692	6 292	3 368.1	TOTAL
MEAN	---	---	---	---	528	1 650	976	450	229	248	210	109	MEAN
MAX	---	---	---	---	1 500	1 750	1 360	532	317	311	306	133	MAX
MIN	---	---	---	---	76.5	1 390	535	345	156	161	136	92.3	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 58 03 N
LONG 64 39 40 W
DRAINAGE AREA, 15 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 610 000
FEB	---	AUG	1 210 000
MAR	---	SEP	594 000
APR	---	OCT	665 000
MAY	1 410 000	NOV	544 000
JUN	4 270 000	DEC	291 000

DATA CONTRIBUTED BY -
CHURCHILL FALLS (LABRADOR) CORPORATION LIMITED

NEWFOUNDLAND AND LABRADOR

ATIKONAK RIVER AT GABBRO LAKE - STATION NO. 03OC006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	266	142	629	382	261	1 280	1 560	742	430	430	388	345	1
2	266	225	623	371	261	1 350	1 560	742	430	430	382	300	2
3	266	459	614	368	261	1 400	1 550	742	430	433	382	282	3
4	266	1 010	603	362	261	1 460	1 540	742	430	473	340	282	4
5	266	985	592	360	261	1 510	1 550	742	430	547	289	282	5
6	266	963	580	354	261	1 560	1 530	742	430	544	289	282	6
7	266	943	575	348	261	1 600	1 170	742	430	544	289	282	7
8	266	926	564	345	170	1 640	864	742	430	544	289	282	8
9	266	909	555	340	170	1 690	872	731	430	544	289	282	9
10	266	898	549	337	170	1 720	872	654	430	541	289	282	10
11	266	878	538	331	170	1 760	872	651	428	541	289	282	11
12	266	861	527	323	164	1 780	872	589	428	504	289	282	12
13	266	850	521	323	170	1 800	872	561	428	411	292	282	13
14	266	827	510	320	170	1 820	872	433	232	411	292	282	14
15	266	816	501	292	170	1 830	872	433	142	411	292	283	15
16	266	799	501	294	170	1 850	872	433	142	408	292	283	16
17	268	782	490	294	170	1 850	872	433	142	411	292	283	17
18	268	770	479	292	170	1 850	872	433	148	413	292	283	18
19	268	753	467	292	255	1 850	872	450	148	487	292	283	19
20	202	742	464	286	323	1 830	872	569	147	487	292	283	20
21	142	733	459	286	323	1 830	869	566	146	484	292	283	21
22	142	714	447	282	580	1 490	872	566	149	484	328	283	22
23	142	702	442	278	646	850	881	564	222	484	348	283	23
24	142	691	439	278	708	940	852	564	269	382	405	283	24
25	142	680	428	273	564	1 660	1 040	532	276	388	405	283	25
26	142	663	422	273	844	1 910	1 040	430	276	388	405	283	26
27	142	651	413	269	906	1 900	946	430	374	388	396	283	27
28	142	640	408	265	968	1 910	787	433	719	385	345	283	28
29	142		396	265	1 040	1 900	742	430	575	385	345	283	29
30	142		391	261	1 120	1 500	742	430	433	385	345	283	30
31	142		388		1 200		742	430		388		266	31
TOTAL	6 824	21 012	15 515	9 344	13 168	49 320	31 301	17 681	10 124	14 055	9 754	8 823	TOTAL
MEAN	220	750	500	311	425	1 640	1 010	570	337	453	325	285	MEAN
MAX	268	1 010	629	382	1 200	1 910	1 560	742	719	547	405	345	MAX
MIN	142	142	388	261	164	850	742	430	142	382	289	266	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 567
MAXIMUM DAILY, 1 910 ON JUN 26
MINIMUM DAILY, 142 ON JAN 21

DATA CONTRIBUTED BY -
CHURCHILL FALLS (LABRADOR) CORPORATION LIMITED

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 53 46 20 N
LONG 65 23 47 W
DRAINAGE AREA, 21 400 km²

REGULATED SINCE 1973

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	590 000	JUL	2 700 000
FEB	1 820 000	AUG	1 530 000
MAR	1 340 000	SEP	875 000
APR	807 000	OCT	1 210 000
MAY	1 140 000	NOV	843 000
JUN	4 260 000	DEC	762 000

TOTAL DISCHARGE, 17 900 000 dam³

ATIKONAK RIVER AT OSSAKMANUAN LAKE CONTROL STRUCTURE - STATION NO. 03OD006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0	0	5
6	0	0	0	0	0	0	0	0	0	0	0	0	6
7	0	0	0	0	0	0	0	0	0	0	0	0	7
8	0	0	0	0	0	0	0	0	0	0	0	0	8
9	0	0	0	0	0	0	0	0	0	0	0	0	9
10	0	0	0	0	0	0	0	0	0	0	0	0	10
11	0	0	0	0	0	0	0	0	0	0	0	0	11
12	0	0	0	0	0	0	0	0	0	0	0	0	12
13	0	0	0	0	0	0	0	0	0	0	0	0	13
14	0	0	0	0	0	0	0	0	0	0	0	0	14
15	0	0	0	0	0	0	0	0	0	0	0	0	15
16	0	0	0	0	0	0	0	0	0	0	0	0	16
17	0	0	0	0	0	0	0	0	0	0	0	0	17
18	0	0	0	0	0	0	0	0	0	0	0	0	18
19	0	0	0	0	0	0	0	0	0	0	0	0	19
20	0	0	0	0	0	0	0	0	0	0	0	0	20
21	0	0	0	0	0	0	0	0	0	0	0	0	21
22	0	0	0	0	0	0	0	0	0	0	0	0	22
23	0	0	0	0	0	0	0	0	0	0	0	0	23
24	0	0	0	0	0	0	0	0	0	0	0	0	24
25	0	0	0	0	0	0	0	0	0	0	0	0	25
26	0	0	0	0	0	0	0	0	0	0	0	0	26
27	0	0	0	0	0	0	0	0	0	0	0	0	27
28	0	0	0	0	0	0	0	0	0	0	0	0	28
29	0		0	0	0	0	0	0	0	0	0	0	29
30	0		0	0	0	0	0	0	0	0	0	0	30
31	0		0		0		0	0		0		0	31
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	TOTAL
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	MEAN
MAX	0	0	0	0	0	0	0	0	0	0	0	0	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON JAN 1
MINIMUM DAILY, 0 ON JAN 1

DATA CONTRIBUTED BY -
CHURCHILL FALLS (LABRADOR) CORPORATION LIMITED

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 53 26 53 N
LONG 64 46 09 W

REGULATED SINCE 1964

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	0
FEB	0	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	0
JUN	0	DEC	0

TOTAL DISCHARGE, 0 dam³

BAY DU NORD RIVER AT BIG FALLS - STATION NO. 02ZF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	70.2	30.0B	44.1	50.7	44.6	25.8	21.0	24.7	19.0	84.5	67.0	51.8	1
2	58.0	29.0B	42.2	43.2	84.8	24.3	20.0	23.0	18.5	81.4	62.5	49.0	2
3	55.0B	28.0B	42.2	66.9	171	23.2	19.1	21.9	17.6	79.6	58.6	46.0	3
4	52.5B	26.3B	43.8	60.7	172	21.6	18.6	20.8	17.0	120	54.3	45.8	4
5	49.0B	25.1B	48.5	57.5	182	20.6	18.3	20.3	16.3	119	51.4	50.3	5
6	48.0B	24.2B	48.2	61.1	176	19.5	18.5	18.4	15.9	106	48.1	57.0	6
7	52.0B	27.0B	47.1	67.1	183	18.9	30.8	21.7	15.4	104	46.1	47.5	7
8	58.2	33.0B	45.2	66.3	183	27.5	26.8	21.6	15.0	106	50.9	45.6	8
9	68.7	40.0B	43.2	63.0	160	24.2	40.4	19.9	14.0	107	48.2	49.8	9
10	65.0	52.0B	41.5	60.6	144	22.7	36.2	18.4	13.7	102	45.0	49.6	10
11	88.7	66.0B	39.8	59.2	128	23.5	29.8	17.3	13.6	98.2	43.3	48.1	11
12	89.0	77.7	38.2	57.6	114	21.8	27.8	16.4	13.7	90.6	45.5	52.1	12
13	78.2	103	36.9	55.6	101	20.8	27.4	17.4	13.4	81.9	46.3	48.9	13
14	84.4	91.7	35.4	50.7	92.1	19.6	26.8	25.7	13.2	75.0	43.1	45.7	14
15	79.5	83.0	34.7	54.1	82.2	18.9	76.3	22.8	13.0	69.3	41.7	43.1	15
16	75.0B	75.0B	34.1	59.3	73.3	18.4	71.8	19.8	12.5	65.0	40.2	55.7	16
17	72.0B	72.0	32.8	52.7	66.2	18.2	49.6	18.8	11.9	104	39.0	83.8	17
18	68.5B	67.4	51.9	49.2	61.0	21.0	45.2	33.3	11.5	164	40.5	64.8	18
19	65.0B	63.6	46.1	47.0	55.9	21.4	43.4	33.9	11.6	128	59.8	58.9	19
20	61.0B	59.1	42.1	45.0	51.0	19.5	42.0	27.7	57.5	126	62.2	59.0	20
21	58.0B	55.5	40.9	43.6	46.9	18.8	40.2	26.0	32.4	125	57.7	58.3	21
22	55.0B	51.4	40.3	43.8	43.3	26.6	38.1	25.5	22.7	120	89.0	56.4	22
23	52.0B	49.7	38.6	44.7	40.3	25.7	36.0	25.0	20.5	112	72.9	54.9	23
24	49.7	49.5	37.9	44.8	39.0	23.2	34.4	24.6	30.2	103	66.9	52.5	24
25	45.6	47.3	37.2	44.5	40.3	21.4	32.9	24.9	39.2	98.0	64.3	50.8	25
26	42.0B	44.8	36.1	43.6	37.2	20.0	30.2	23.8	81.9	90.7	64.5	46.4	26
27	39.0B	43.2	34.3	42.1	34.5	27.5	28.5	22.5	58.4	83.6	66.8	44.5B	27
28	37.0B	44.0	33.7	40.1	32.1	26.4	29.0	21.7	54.9	80.6	62.3	42.5B	28
29	35.0B		32.0	38.6	29.9	23.5	28.1	20.9	72.2	94.5	58.0	40.5B	29
30	33.5B		31.3	38.5	28.1	21.8	26.1	20.2	95.4	82.0	55.4	38.0B	30
31	31.5B		39.2		26.8		25.3	19.6		73.3		36.5B	31
TOTAL	1 816.2	1 458.5	1 239.5	1 551.8	2 723.5	666.3	1 038.6	698.5	842.2	3 074.2	1 651.5	1 567.8	TOTAL
MEAN	58.6	52.1	40.0	51.7	87.9	22.2	33.5	22.5	28.1	99.2	55.1	50.6	MEAN
MAX	89.0	103	51.9	67.1	183	27.5	76.3	33.9	95.4	164	89.0	83.8	MAX
MIN	31.5	24.2	31.3	38.5	26.8	18.2	18.3	16.4	11.6	65.0	39.0	36.5	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 50.2
MAXIMUM DAILY, 183 ON MAY 7
MINIMUM DAILY, 11.6 ON SEP 18
MAXIMUM INSTANTANEOUS,
209 AT 06:16 NST ON MAY 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 44 48 N
LONG 55 26 30 W
DRAINAGE AREA, 1 170 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	157 000	JUL	89 700
FEB	126 000	AUG	60 400
MAR	107 000	SEP	72 800
APR	134 000	OCT	266 000
MAY	235 000	NOV	143 000
JUN	57 600	DEC	135 000

TOTAL DISCHARGE, 1 580 000 dam³

BLANCHE BROOK NEAR STEPHENVILLE - STATION NO. 02YJ002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.00B	0.990B	2.39	1.33	25.8	3.06	1.89	1.79	0.808	4.89	2.00	1.71	1
2	2.45B	1.60 B	2.41	1.22	23.1	2.41	1.65	1.52	0.784	3.80	1.98	1.59	2
3	2.00B	2.80 B	2.42	2.69	22.7	1.88	1.31	1.32	0.681	5.06	2.35	6.04	3
4	1.82B	4.60 B	2.27	3.03	18.0	1.64	1.14	2.27	0.673	6.38	2.46	32.2	4
5	1.65B	3.50 B	2.30	7.10	14.0	1.57	1.14	2.06	0.675	4.25	2.25	24.8	5
6	1.52B	2.80 B	2.90	36.3	13.6	1.25	1.21	1.37	0.653	5.59	1.91	17.0	6
7	1.45B	2.25 B	2.77	39.6	13.8	1.28	1.87	1.09	0.624	4.69	16.6	9.98	7
8	1.38B	1.92 B	2.61	18.7	12.3	19.3	1.85	0.974	0.587	11.5	8.11	6.84	8
9	2.00B	1.95 B	2.42	8.04	7.47	16.0	1.91	0.909	0.583	6.20	5.38	7.10	9
10	5.00B	2.50 B	2.11	9.28	6.32	7.95	1.56	0.810	0.568	3.83	3.91	6.51	10
11	3.75B	3.50 B	1.91	9.54	5.67	4.39	1.26	0.913	0.559	2.75	2.91	5.28	11
12	2.75B	6.55	1.68	6.25	5.42	3.11	1.14	1.17	0.512	2.17	3.91	4.11	12
13	2.40B	9.93	1.42	4.42	5.30	2.61	1.14	8.32	0.579	1.82	3.96	3.22	13
14	2.05B	6.18	1.36	3.35	4.56	2.03	7.27	3.72	0.736	1.47	2.95	2.66	14
15	1.85B	3.77	1.29B	3.46	3.46	1.70	9.13	2.65	0.688	1.13	2.36	2.41	15
16	1.68B	2.65	1.23	3.34	3.02	1.63	7.04	2.03	0.651	0.995	2.07	4.90	16
17	1.53B	2.44	1.22	2.92	2.70	1.50	7.79	13.5	0.586	1.30	1.92	11.8	17
18	1.45B	2.39	8.75	2.68	2.83	1.61	4.01	13.6	0.495	2.20	5.09	7.59	18
19	1.38B	2.26	5.91	2.71	2.40	1.58	2.73	8.36	0.470	1.65	5.81	4.86	19
20	1.31B	2.11	4.22	3.05	2.06	1.28	2.18	4.62	4.93	1.69	4.58	3.74	20
21	1.27B	1.98	3.47	5.70	1.72	3.96	1.66	3.00	4.25	1.75	3.37	3.19	21
22	1.23B	2.01	2.86	10.4	1.58	12.3	1.56	2.23	2.07	1.41	4.18	2.82	22
23	1.19B	2.02	2.46	8.83	1.42	7.50	1.43	1.60	1.32	1.24	6.45	2.57A	23
24	1.16B	2.06	2.12	6.98	1.98	5.51	1.22	1.27	0.968	1.19	5.58	2.40B	24
25	1.13B	2.13	1.78	5.50	2.93	3.44	0.964	1.13	4.06	1.11	4.21	2.25B	25
26	1.10B	2.18	1.53	4.67	2.40	3.97	0.897	0.996	2.49	0.998	3.54	2.09B	26
27	1.06	2.34	1.51	4.26	2.14	4.42	0.905	1.02	1.57	0.942	2.85	1.98B	27
28	1.04B	2.40	1.42	6.02	1.76	3.14	15.0	0.944	1.13	5.22	2.44	1.85B	28
29	1.03B		1.31	7.19	1.80	2.40	6.05	0.882	3.57	6.55	2.12	1.75B	29
30	1.02B		1.41	26.7	1.99	1.93	3.28	0.836	8.36	3.70	1.93	1.65B	30
31	1.00B		1.35		1.71		2.29	0.787		2.53		1.55B	31
TOTAL	54.65	83.810	74.81	255.26	215.94	126.35	94.476	87.691	46.630	100.005	119.18	188.44	TOTAL
MEAN	1.76	2.99	2.41	8.51	6.97	4.21	3.05	2.83	1.55	3.23	3.97	6.08	MEAN
MAX	5.00	9.93	8.75	39.6	25.8	19.3	15.0	13.6	8.36	11.5	16.6	32.2	MAX
MIN	1.00	0.990	1.22	1.22	1.42	1.25	0.897	0.787	0.470	0.942	1.91	1.55	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.97
MAXIMUM DAILY, 39.6 ON APR 7
MINIMUM DAILY, 0.470 ON SEP 19
MAXIMUM INSTANTANEOUS,
58.6 AT 01:45 NST ON DEC 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 32 56 N
LONG 58 34 11 W
DRAINAGE AREA, 124 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 720	JUL	8 160
FEB	7 240	AUG	7 580
MAR	6 460	SEP	4 030
APR	22 100	OCT	8 640
MAY	18 700	NOV	10 300
JUN	10 900	DEC	16 300

TOTAL DISCHARGE, 125 000 dam³

NEWFOUNDLAND AND LABRADOR

BROAD COVE BROOK NEAR ST. PHILLIPS - STATION NO. 02ZM007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.90	0.800E	1.91	1.34	0.817	0.236	0.339	---	---	---	1.17	1.90	1
2	1.41	0.700E	1.77	1.16	0.902	0.228	0.304	---	---	---	1.02	1.64	2
3	1.30	0.640E	1.51	1.19	0.874	0.218	0.261	---	---	---	0.950	1.42	3
4	1.24	1.03 E	1.39	1.29	0.836	0.261	0.234	---	---	---	0.886	1.27	4
5	1.41	1.55 E	1.69	1.27	0.812	0.269	0.280	---	---	---	0.829	1.17	5
6	1.33	1.01 E	2.10	1.28	0.761	0.230	0.310	---	---	---	0.790	1.19	6
7	1.17	0.840E	2.40	1.32	0.685	0.209	0.395	---	---	---	0.815	1.49	7
8	1.21	0.665E	1.60	1.14	0.619	0.337	0.415	---	---	---	1.61	1.47	8
9	1.87	2.00 E	1.33	0.971	0.544	0.362	0.975	---	---	---	1.60	1.31	9
10	1.49	3.20 E	1.17	0.916	0.454	0.427	1.27	---	---	---	1.21	1.33	10
11	2.21	1.41 A	1.04	0.862	0.394	0.683	0.830	---	---	---	1.01	1.68	11
12	2.51	1.41	0.954	0.866	0.351	0.731	0.685	---	---	---	0.890	1.64	12
13	2.12	1.88	0.906	0.858	0.330	0.616	0.626	---	---	---	0.790	1.39	13
14	3.43 A	1.31	0.867	0.796	0.320	0.517	0.539	---	0.767A	---	0.737	1.18	14
15	2.65 E	1.10	1.18	0.810	0.297	0.454	0.645	---	---	---	0.686	1.03	15
16	2.12 E	0.946	1.64	0.895	0.272	0.408	0.780	---	---	---	0.694	1.24	16
17	2.30 E	0.886	1.30	0.884	0.253	0.372	0.671	0.167A	---	---	0.748	1.62	17
18	2.15 E	0.834	3.56	0.813	0.238	0.360	0.555	---	---	---	0.848	1.37	18
19	2.55 E	0.795	2.48	0.741	0.223	0.351	0.485A	---	---	---	1.09	1.23	19
20	2.72 E	0.774	1.66	0.713	0.211	0.343	---	---	---	---	1.16	1.22	20
21	1.45 E	0.732	1.35	0.700	0.200	0.339	---	---	---	---	1.14	1.16	21
22	0.910E	0.677	1.29	0.798	0.194	0.410	---	---	---	1.83A	1.29	1.06	22
23	0.810E	0.632	1.26	0.979	0.189	0.436	---	---	---	1.61	1.46	1.01	23
24	0.860E	0.602	1.15	1.01	0.224	0.407	---	---	---	1.41	1.22	0.952	24
25	0.715E	0.583	1.05	1.19	0.228	0.367	---	---	---	1.26	1.09	0.882	25
26	0.965E	0.568	1.08	1.27	0.236	0.322	---	---	---	1.13	4.90	0.842	26
27	0.705E	0.572	0.988	1.11	0.255	0.281	---	---	---	1.07	6.54	0.750B	27
28	1.13 E	1.99	0.927	0.950	0.265	0.297	---	---	---	1.33	3.48	0.668	28
29	1.87 E		0.845	0.862	0.257	0.348	---	---	---	2.43	2.69	0.624	29
30	1.32 E		0.833	0.816	0.251	0.349	---	---	---	1.86	2.26	0.678	30
31	0.965E		0.956		0.239		---	---		1.39		0.686	31
TOTAL	50.790	30.136	44.186	29.800	12.731	11.168	---	---	---	---	45.603	37.102	TOTAL
MEAN	1.64	1.08	1.43	0.993	0.411	0.372	---	---	---	---	1.52	1.20	MEAN
MAX	3.43	3.20	3.56	1.34	0.902	0.731	---	---	---	---	6.54	1.90	MAX
MIN	0.705	0.568	0.833	0.700	0.189	0.209	---	---	---	---	0.686	0.624	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM INSTANTANEOUS,
9.79 AT 00:07 NST ON NOV 27

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 34 17 N
LONG 52 52 13 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 390	JUL	---
FEB	2 600	AUG	---
MAR	3 820	SEP	---
APR	2 570	OCT	---
MAY	1 100	NOV	3 940
JUN	965	DEC	3 210

REMARKS - WATER IS RELEASED INTO THE DRAINAGE BASIN FROM THE UPSTREAM RESERVOIR AT TIMES OF PEAK FLOW

CAT ARM RIVER ABOVE GREAT CAT ARM - STATION NO. 02YF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.95B	3.02B	12.2	4.63	49.1	98.4	13.0	2.87	8.21	113	15.8	9.43	1
2	4.75B	2.95B	12.4	4.43	82.1	83.6	10.7	2.65	7.07	70.9	13.8	8.80	2
3	4.65B	3.10B	12.1	4.47	127	62.3	8.81	2.64	6.29	49.1	12.3	8.37	3
4	4.55B	3.00B	11.9	6.20	141	53.5	7.32	2.63	5.46	54.5	11.4	8.96	4
5	4.40B	8.14	13.5	9.46	117	54.4	6.26	3.61	4.79	86.5	10.3	18.5	5
6	4.25B	12.3	17.2	12.9	86.7	49.4	5.39	13.7	4.17	71.7	9.91	47.7	6
7	4.18B	16.3	17.9	17.8	123	43.5	4.70	16.2	3.74	51.9	10.5	172	7
8	4.10B	19.0	16.5	26.1	266	45.2	4.19	18.4	3.53	87.8	36.9	186	8
9	4.03B	19.7	14.9	33.0	278	58.1	3.55	17.3	3.17	261	46.5	111	9
10	4.00B	19.2	13.0	36.0	178	54.3	3.25	14.7	2.96	194	44.2	94.4	10
11	4.50B	16.9	11.5	40.0	178	43.4	2.86	12.6	2.91	114	34.7	82.7	11
12	5.00B	14.6	10.2	42.1	168	35.0	2.59	10.9	2.76	77.3	27.5	58.5	12
13	5.40B	18.7	9.16	39.3	117	28.0	2.42	11.2	2.56	55.9	21.7	41.6	13
14	6.00B	28.7	8.14	32.5	114	22.5	2.24	15.0	2.53	41.9	17.9	32.0	14
15	7.00B	38.8	7.54	26.6	102	18.8	2.45	16.6	2.49	32.9	15.3	25.5	15
16	6.50B	41.9	7.15	21.4	99.4	17.1	3.70	16.1	2.46	26.5	13.8	21.6	16
17	6.10B	40.2	6.76	18.4	128	17.2	5.63	14.7	2.96	22.8	12.3	19.1	17
18	5.70B	33.3	7.29	16.0	166	15.6	6.01	17.2	2.38	23.8	11.7	16.8	18
19	5.50B	26.8	8.11	13.9	160	13.9	5.99	59.4	2.47	25.2	12.8	14.7	19
20	5.10B	20.6	8.08	12.6	105	12.3	5.75	79.1	3.41	25.3	13.5	13.4	20
21	4.85B	16.2	8.22	15.0	67.3	10.8	5.57	55.2	11.3	23.7	13.8	12.2	21
22	4.60B	13.1	7.84	35.8	57.4	12.2	5.21	37.2	18.4	21.5	14.4	10.9	22
23	4.40B	11.1	7.46	76.6	66.4	17.6	5.15	26.4	22.5	19.7	14.3	9.89	23
24	4.20B	10.2	6.97	98.4	77.3	26.8	5.12	20.0	20.6	18.9	14.1	8.58	24
25	4.00B	10.2	6.55	86.1	99.0	29.3	4.82	23.8	18.5	20.8	13.5	8.00B	25
26	3.80B	10.8	6.09	63.4	115	26.8	4.47	24.0	22.0	23.5	12.8	7.30B	26
27	3.65B	11.6	5.78	46.6	89.1	23.8	4.09	19.6	60.8	23.1	12.3	6.70B	27
28	3.52B	12.0	5.38	35.9	75.4	21.3	3.76	16.1	75.2	21.5	11.5	6.00B	28
29	3.40B		5.05	32.9	86.3	18.3	3.52	13.3	57.2	22.6	10.7	5.60B	29
30	3.26B		4.85	36.8	93.2	15.5	3.15	11.3	125	21.4	10.0	5.10B	30
31	3.10B		4.70		98.0		2.99	9.59		18.6		4.80B	31
TOTAL	143.44	482.41	294.42	945.29	3 709.7	1 028.9	154.66	603.99	507.32	1 721.3	520.21	1 076.13	TOTAL
MEAN	4.63	17.2	9.50	31.5	120	34.3	4.99	19.5	16.9	55.5	17.3	34.7	MEAN
MAX	7.00	41.9	17.9	98.4	278	98.4	13.0	79.1	125	261	46.5	186	MAX
MIN	3.10	2.95	4.70	4.43	49.1	10.8	2.24	2.63	2.38	18.6	9.91	4.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.7
MAXIMUM DAILY, 278 ON MAY 9
MINIMUM DAILY, 2.24 ON JUL 14
MAXIMUM INSTANTANEOUS,
317 AT 02:07 NST ON MAY 9

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 04 33 N
LONG 56 55 22 W
DRAINAGE AREA, 611 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	12 400	JUL	13 400
FEB	41 700	AUG	52 200
MAR	25 400	SEP	43 800
APR	81 700	OCT	149 000
MAY	321 000	NOV	44 900
JUN	88 900	DEC	93 000

TOTAL DISCHARGE, 967 000 dam³

CHURCHILL RIVER ABOVE UPPER MUSKRAT FALLS - STATION NO. 030E001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2 040	2 030	1 790	1 790	1 620	4 810	3 450	3 350	1 650	1 930	1 970	1 960	1
2	2 050	2 020	1 850	1 770	1 630	4 650	3 440	3 290	1 620	2 010	1 950	1 950	2
3	2 050	2 050	1 840	1 780	1 650	4 420	3 290	3 330	1 610	2 050	1 950	1 980	3
4	2 040	2 090	1 870	1 790	1 670	4 230	3 150	3 330	1 600	2 070	1 950	2 030	4
5	2 030	2 080	1 920	1 800	1 670	4 030	3 020	3 140	1 600	2 130	1 990	2 070	5
6	2 020	2 070	1 970	1 790	1 680	3 710	2 950	3 030	1 610	2 180	2 000	2 130	6
7	2 000	2 070	2 000	1 710	1 730	3 500	2 890	2 910	1 620	2 170	2 020	2 160	7
8	2 010	2 070	2 010	1 630	1 780	3 560	3 000	2 810	1 620	2 170	2 050	2 190	8
9	2 050	2 060	1 990	1 610	1 830	3 790	3 070	2 730	1 530	2 190	2 080	2 200	9
10	2 040	2 060	1 930	1 620	1 870	3 730	2 940	2 700	1 450	2 180	2 060	2 190	10
11	2 040	2 060	1 890	1 650	1 930	3 510	2 970	2 800	1 470	2 140	2 050	2 250	11
12	2 060	2 070	1 890	1 670	2 000	3 320	3 050	2 680	1 520	2 100	2 080	2 260	12
13	2 060	2 100	1 910	1 670	2 060	3 140	3 020	2 430	1 550	2 030	2 120	2 200	13
14	2 050	2 110	1 920	1 640	2 130	2 920	2 830	2 320	1 570	1 980	2 130	2 140	14
15	2 060	2 120	1 900	1 580	2 210	2 720	2 860	2 210	1 580	1 970	2 120	2 140	15
16	2 050	2 140	1 910	1 540	2 310	2 520	2 980	2 170	1 560	1 970	2 140	2 090	16
17	2 030	2 150	1 900	1 530	2 440	2 460	3 120	2 160	1 560	1 970	2 130	2 070	17
18	2 020	2 170	1 830	1 540	2 640	2 590	3 270	2 060	1 580	1 980	2 100	2 080	18
19	2 010	2 180	1 780	1 550	3 030	2 680	3 090	1 960	1 590	1 970	2 090	2 090	19
20	2 010	2 180	1 780	1 530	3 520	2 750	2 880	1 890	1 610	1 950	2 090	2 060	20
21	2 030	2 180	1 820	1 480	3 860	2 800	2 770	1 850	1 660	1 970	2 090	2 020	21
22	2 040	2 180	1 870	1 430	4 000	2 630	2 790	1 810	1 730	2 010	2 080	1 990	22
23	2 040	2 170	1 910	1 430	4 030	2 560	2 930	1 780	1 770	2 040	2 080	1 980	23
24	2 050	1 980	1 890	1 500	4 020	2 650	2 970	1 740	1 790	2 070	2 090	1 980	24
25	2 060	1 770	1 850	1 600	4 000	2 770	2 920	1 700	1 820	2 160	2 100	1 990	25
26	2 050	1 740	1 870	1 700	4 040	2 750	2 790	1 650	1 850	2 250	2 100	1 970	26
27	2 050	1 740	1 900	1 740	4 120	2 760	2 780	1 630	1 860	2 170	2 090	1 950	27
28	2 060	1 780	1 930	1 710	4 150	2 900	2 810	1 630	1 840	2 120	2 080	2 030	28
29	2 060		1 940	1 660	4 210	3 030	3 020	1 650	1 820	2 090	2 050	2 060	29
30	2 060		1 910	1 630	4 410	3 240	3 270	1 650	1 850	2 040	2 050	2 020	30
31	2 040		1 840		4 630		3 380	1 660		2 000		2 050	31
TOTAL	63 260	57 420	58 610	49 070	86 870	97 130	93 700	72 050	49 490	64 060	61 880	64 280	TOTAL
MEAN	2 040	2 050	1 890	1 640	2 800	3 240	3 020	2 320	1 650	2 070	2 060	2 070	MEAN
MAX	2 060	2 180	2 010	1 800	4 630	4 810	3 450	3 350	1 860	2 250	2 140	2 260	MAX
MIN	2 000	1 740	1 780	1 430	1 620	2 460	2 770	1 630	1 450	1 930	1 950	1 950	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2 240
MAXIMUM DAILY, 4 810 ON JUN 1
MINIMUM DAILY, 1 430 ON APR 22
MAXIMUM INSTANTANEOUS,
4 840 AT 15:11 AST ON JUN 1

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 14 52 N
LONG 60 47 21 W
DRAINAGE AREA, 92 500 km²

REGULATED SINCE 1971

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 470 000	JUL	8 100 000
FEB	4 960 000	AUG	6 230 000
MAR	5 060 000	SEP	4 280 000
APR	4 240 000	OCT	5 530 000
MAY	7 510 000	NOV	5 350 000
JUN	8 390 000	DEC	5 550 000

TOTAL DISCHARGE, 70 700 000 dam³

CHURCHILL RIVER AT CHURCHILL FALLS POWERHOUSE - STATION NO. 030D005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 680	1 970	1 660	1 670	1 220	997	2 220	2 860	1 500	1 550	1 630	2 000	1
2	1 860	1 940	1 850	1 740	1 050	977	2 100	2 120	1 440	1 310	1 770	2 000	2
3	2 000	1 980	1 920	1 740	861	923	2 250	2 340	1 510	1 550	1 820	1 990	3
4	2 000	1 970	1 930	1 370	1 120	915	2 290	2 290	1 520	1 390	1 820	1 980	4
5	1 990	1 960	1 920	1 130	1 080	900	2 400	2 210	1 500	1 540	1 830	1 980	5
6	1 980	1 880	1 900	1 680	1 070	722	2 940	2 400	1 450	1 590	1 820	1 980	6
7	1 980	1 840	1 750	1 550	1 120	524	2 520	2 090	1 130	1 590	1 800	1 960	7
8	1 970	1 970	1 630	1 650	1 060	886	2 400	2 640	1 470	1 600	1 810	1 980	8
9	1 980	1 870	1 820	1 580	1 120	909	2 940	2 830	1 540	1 590	1 920	1 980	9
10	1 990	1 960	1 840	1 570	915	963	2 940	1 830	1 540	1 560	1 980	1 980	10
11	2 000	1 890	1 840	1 390	1 140	932	2 640	1 980	1 560	1 400	1 990	1 980	11
12	1 890	1 950	1 790	1 110	1 050	889	2 210	1 790	1 550	1 530	1 990	1 990	12
13	1 750	1 790	1 850	1 420	1 010	765	3 090	1 630	1 420	1 600	1 980	1 990	13
14	1 910	1 870	1 850	1 480	1 070	617	2 510	2 050	1 490	1 610	1 970	1 970	14
15	1 910	1 850	1 630	1 600	1 040	1 670	3 030	1 500	1 540	1 590	1 850	1 980	15
16	1 930	1 940	1 680	1 610	753	1 720	2 830	1 380	1 540	1 590	1 990	1 980	16
17	1 970	1 870	1 620	1 180	685	1 730	2 740	1 530	1 550	1 580	2 000	1 960	17
18	1 970	1 890	1 870	977	864	2 220	2 310	1 520	1 530	1 570	1 980	1 980	18
19	1 970	1 880	1 860	974	917	1 830	2 290	1 520	1 540	1 610	1 990	1 980	19
20	1 900	1 660	1 930	1 250	895	1 690	2 650	1 520	1 420	1 590	1 990	1 930	20
21	1 980	1 590	1 760	1 580	937	1 680	2 480	1 510	1 550	1 610	1 970	1 940	21
22	1 970	1 430	1 590	1 780	932	1 700	2 750	1 320	1 540	1 610	1 990	1 890	22
23	1 970	1 210	1 840	1 600	665	1 650	2 510	1 120	1 530	1 600	1 990	1 860	23
24	1 980	1 570	1 880	1 620	648	1 330	2 270	1 400	1 550	1 620	1 970	1 970	24
25	1 990	1 850	1 890	1 170	937	1 420	2 610	1 510	1 550	1 680	1 980	2 010	25
26	1 990	1 680	1 880	1 110	906	1 660	2 180	1 510	1 530	1 610	1 920	2 010	26
27	1 790	1 780	1 800	1 350	920	1 730	2 640	1 510	1 420	1 600	1 940	2 000	27
28	1 830	1 730	1 600	1 230	980	2 640	2 630	1 550	1 550	1 620	1 990	2 000	28
29	1 980		1 510	1 240	934	2 290	2 600	1 520	1 490	1 620	1 960	2 000	29
30	1 970		1 770	1 300	742	2 130	2 470	1 390	1 540	1 620	1 990	1 970	30
31	1 970		1 720		629		2 590	1 480		1 620		1 990	31
TOTAL	60 050	50 770	55 380	42 651	29 270	41 009	78 430	55 850	44 990	48 750	57 630	61 210	TOTAL
MEAN	1 940	1 810	1 790	1 420	944	1 370	2 530	1 800	1 500	1 570	1 920	1 970	MEAN
MAX	2 000	1 980	1 930	1 780	1 220	2 640	3 090	2 860	1 560	1 680	2 000	2 010	MAX
MIN	1 680	1 210	1 510	974	629	524	2 100	1 120	1 130	1 310	1 630	1 860	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 720
MAXIMUM DAILY, 3 090 ON JUL 13
MINIMUM DAILY, 524 ON JUN 7

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 53 32 10 N
LONG 63 57 51 W
DRAINAGE AREA, 69 200 km²

REGULATED SINCE 1971

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 190 000	JUL	6 780 000
FEB	4 390 000	AUG	4 830 000
MAR	4 780 000	SEP	3 890 000
APR	3 690 000	OCT	4 210 000
MAY	2 530 000	NOV	4 980 000
JUN	3 540 000	DEC	5 290 000

TOTAL DISCHARGE, 54 100 000 dam³

DATA CONTRIBUTED BY -
CHURCHILL FALLS (LABRADOR) CORPORATION LIMITED

NEWFOUNDLAND AND LABRADOR

CHURCHILL RIVER AT FOOT OF LOWER MUSKRAT FALLS - STATION NO. 03OE007

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	3.560A	---	---	---	11
12	---	---	---	---	---	---	---	---	3.573	---	---	---	12
13	---	---	---	---	---	---	---	---	3.613	---	---	---	13
14	---	---	---	---	---	---	---	---	3.640	---	---	---	14
15	---	---	---	---	---	---	---	---	3.642	---	---	---	15
16	---	---	---	---	---	---	---	---	3.618	---	---	---	16
17	---	---	---	---	---	---	---	---	3.621	---	---	---	17
18	---	---	---	---	---	---	---	---	3.631	---	---	---	18
19	---	---	---	---	---	---	---	---	3.632	---	---	---	19
20	4.816A	---	---	---	---	---	---	---	3.670A	---	4.182A	---	20
21	4.697	---	---	---	---	---	---	---	---	---	---	---	21
22	4.630	---	---	---	---	---	---	---	---	---	---	---	22
23	4.569	---	---	---	---	---	---	---	---	---	---	---	23
24	4.481	---	---	---	---	---	---	---	---	---	---	---	24
25	4.438	---	---	---	---	---	---	---	---	---	---	---	25
26	4.389	---	---	---	---	---	---	---	---	---	---	---	26
27	4.343A	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 14 57 N
LONG 60 46 08 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

CHURCHILL RIVER BELOW GULL ISLAND RAPIDS - STATION NO. 03OE006

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	5.902	5.842	4.762	5.074	5.013	5.106	1
2	---	---	---	---	---	---	5.828	5.820	4.754	5.088	5.008	5.109	2
3	---	---	---	---	---	---	5.778	5.856	4.769	5.118	5.018	5.126	3
4	---	---	---	---	---	---	5.712	5.765	4.775	5.136	5.052	5.162	4
5	---	---	---	---	---	---	5.654	5.727	4.790	5.156	5.073	5.198	5
6	---	---	---	---	---	---	5.620	5.661	4.804	5.169	5.057	5.212	6
7	---	---	---	---	---	---	5.652	5.609	4.820	5.169	5.070	5.213	7
8	---	---	---	---	---	---	5.732	5.595	4.773	5.150	5.085	5.212	8
9	---	---	---	---	---	---	5.656	5.538	4.708	5.157	5.096	5.229	9
10	---	---	---	---	---	5.861A	5.636	5.605	4.724	5.135	5.104	5.242	10
11	---	---	---	---	---	5.678	5.708	5.608	4.772	5.107	5.108	5.243	11
12	---	---	---	---	---	5.605	5.725	5.447	4.803	5.045	5.140	5.247	12
13	---	---	---	---	---	5.509	5.627	5.340	4.814	5.012	5.163	5.225	13
14	---	---	---	---	---	5.390	5.580	5.253	4.804	4.998	5.147	5.207	14
15	---	---	---	---	---	5.259	5.639	5.207	4.785	5.004	5.156	5.206	15
16	---	---	---	---	---	5.164	5.653	5.195	4.785	4.992	5.163	5.195	16
17	---	---	---	---	---	5.244	5.800	5.139	4.804	4.996	5.143	5.187	17
18	---	---	---	---	---	5.330	5.767	5.043	4.806	4.989	5.151	5.176	18
19	---	---	---	---	---	5.365	5.653	4.993	4.804	4.990	5.155	5.172	19
20	---	---	---	---	---	5.407	5.597	4.972	4.824	5.003	5.164	5.173	20
21	---	---	---	---	---	5.383	5.563	4.920	4.874	5.027	5.208	5.173	21
22	---	---	---	---	---	5.325	5.590	4.888	4.906	5.035	5.193	5.159	22
23	---	---	---	---	---	5.317	5.634	4.869	4.929	5.025	5.198	5.125	23
24	---	---	---	---	---	5.442	5.668	4.840	4.966	5.046	5.197	5.039	24
25	---	---	---	---	---	5.457	5.616	4.787	4.979	5.118	5.195	5.124	25
26	---	---	---	---	---	5.426	5.579	4.778	4.991	5.130	5.193	5.143	26
27	---	---	---	---	---	5.468	5.595	4.785	4.994	5.115	5.183	5.127	27
28	---	---	---	---	---	5.590	5.620	4.793	4.933	5.096	5.166	5.085	28
29	---		---	---	---	5.721	5.763	4.802	4.944	5.087	5.141	5.052	29
30	---		---	---	---	5.903	5.832	4.798	5.007	5.074	5.135	5.253	30
31	---		---		---		5.861	4.799		5.045		5.286	31
MEAN	---	---	---	---	---	---	5.685	5.235	4.840	5.074	5.129	5.174	MEAN
MAX	---	---	---	---	---	---	5.902	5.856	5.007	5.169	5.208	5.286	MAX
MIN	---	---	---	---	---	---	5.563	4.778	4.708	4.989	5.008	5.039	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 58 21 N
LONG 61 26 15 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

NEWFOUNDLAND AND LABRADOR

CHURCHILL RIVER BETWEEN UPPER AND LOWER MUSKRAT FALLS - STATION NO. 03OE005

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	4.100	2.972	---	---	2.988	2.069	2.085	---	0.969	0.939	0.884	1
2	---	3.588	3.334	---	---	2.857	2.029	2.042	---	1.006	0.920	0.853	2
3	---	2.922	3.201	---	---	2.707	1.951	2.081	---	1.030	0.920	0.936	3
4	---	3.472	2.890	---	---	2.577	1.871	2.048	---	1.128	0.951	1.030	4
5	---	4.801	2.569	---	---	2.459	1.776	1.926	---	1.183	0.945	1.067	5
6	---	4.918	2.441	---	---	2.276	1.714	1.848	---	1.149	0.969	1.128	6
7	---	5.111	2.316	---	---	2.113	1.671	1.753	---	1.180	1.067	1.128	7
8	---	4.917	2.107	---	---	2.176	1.751	1.691	---	1.204	1.073	1.149	8
9	---	4.732	1.850	---	---	2.352	1.767	1.622	---	1.152	1.042	1.164	9
10	---	5.114	1.454	---	0.719A	2.271	1.694	1.606	---	1.106	1.012	1.173	10
11	---	5.174	1.234	---	0.769	2.110	1.718	1.680	---	1.036	1.073	1.225	11
12	---	4.784	1.148	---	0.798	2.000	1.768A	1.541	0.335A	0.969	1.097	1.164	12
13	---	4.767	1.100	---	0.843	1.859	---	1.364	0.366	0.890	1.085	1.113	13
14	---	4.696	1.084	---	0.928	1.689	---	1.273	0.399	0.884	1.122	1.049	14
15	---	4.636	0.988	---	1.039	1.536	---	1.198	0.369	0.869	1.119	1.006	15
16	---	4.320	1.336	---	1.268	1.363	---	1.150	0.341	0.872	1.088	0.988	16
17	---	4.937	1.102	---	1.421	1.325	---	1.090	0.375	0.872	1.097	1.021	17
18	---	5.177	0.773	---	1.744	1.453	---	0.955	0.375	0.860	1.088	1.030	18
19	---	4.935	0.703	---	2.070	1.508	---	0.882	0.399	0.844	1.094	1.052	19
20	2.682A	4.749	0.982	---	2.300	1.550	1.801A	0.835	0.430	0.890	1.036	1.061	20
21	2.114	4.603	0.960	---	2.397	1.554	1.662	0.794	0.558	0.945	1.006	1.006	21
22	2.626	4.330	0.962	---	2.452	1.471	1.695	0.789	0.616	0.942	1.103	0.930	22
23	2.580	4.130	0.910	---	2.457	1.393	1.767	0.792A	0.628	0.969	1.103	0.872	23
24	2.521	3.785	0.790	---	2.449	1.498	1.817	---	0.686	1.128	1.097	0.866	24
25	2.418	3.472	0.769	---	2.447	1.543	1.758	---	0.719	1.216	1.091	0.860	25
26	3.077	3.221	0.818	---	2.467	1.540	1.693	---	0.738	1.164	1.097	0.799	26
27	3.317	2.902	0.850	---	2.523	1.564	1.681	---	0.735	1.122	1.088	0.738	27
28	3.053	2.960	0.841	---	2.548	1.667	1.710	---	0.677	1.067	1.042	0.847	28
29	3.677		0.854	---	2.593	1.800	1.910	---	0.701	1.042	1.036	0.969	29
30	3.612		0.747	---	2.747	1.981	2.070	---	0.881	0.969	0.988	0.945	30
31	3.918		0.670		2.916		2.113	---		0.917		1.036	31
MEAN	---	4.330	1.444	---	---	1.906	---	---	---	1.019	1.046	1.003	MEAN
MAX	---	5.177	3.334	---	---	2.988	---	---	---	1.216	1.122	1.225	MAX
MIN	---	2.902	0.670	---	---	1.325	---	---	---	0.844	0.920	0.738	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 5.177 ON FEB 18
MINIMUM DAILY, 0.335A ON SEP 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 14 39 N
LONG 60 46 24 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 9.101 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - GSC DATUM ESTABLISHED BY S.N.C.-LAVLIN NFLD. LTD. IN 1979

COME BY CHANCE RIVER NEAR GOOBIES - STATION NO. 02ZH002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.13	0.880B	3.16	5.73	2.47	0.386	2.04	0.260	0.392	1.98	1.55	1.66	1
2	4.09	0.815B	3.75	4.11	5.49	0.464	1.55	0.249	0.344	1.67	1.27	1.28	2
3	2.84	0.780B	3.19	5.76	9.91	0.423	1.20	0.268	0.306	1.34	1.15	1.05	3
4	3.31	0.745B	3.23	6.10	8.49	0.382	0.958	0.339	0.264	4.47	1.10	0.917	4
5	2.40	0.705B	5.12	4.80	7.42	0.334	0.818	0.728	0.231	9.13	1.03	0.869	5
6	1.96 B	0.685B	5.93	4.04	5.06	0.285	0.816	0.814	0.218	5.17	0.883	0.865	6
7	1.70 B	0.675B	6.33	3.63	3.76	0.363	1.15	0.864	0.206	3.20	0.849	0.878	7
8	1.52	1.36	4.14	3.09	3.81	3.49	1.30	1.11	0.196	2.67	3.11	0.904	8
9	2.57	10.1	2.76	2.39	2.84	3.54	7.17	1.26	0.181	2.82	2.98	1.48	9
10	2.66	17.0	1.96	2.07	2.08	2.48	7.38	1.11	0.163	3.26	2.05	1.80	10
11	5.08	7.01	1.56	1.92	1.60	2.21	4.19	0.882	0.189	5.15	1.62	1.79	11
12	7.11	4.61	1.32	1.73	1.28	1.94	2.79	0.728	2.23	4.41	2.17	2.80	12
13	4.73	4.96	1.14	1.44	1.06	1.48	2.24	0.665	3.01	3.23	2.60	2.59	13
14	6.45	3.13	1.03	1.19	0.882	1.16	1.77	1.11	2.57	2.30	2.03	1.91	14
15	4.51	2.14	1.04	1.09	0.770	0.926	3.75	1.12	2.21	1.80	1.54	1.46	15
16	2.80	1.47	1.19	1.52	0.683	0.813	6.16	0.899	1.60	1.41	1.31	2.41	16
17	2.05 B	1.18	1.26	1.46	0.602	0.674	4.06	0.847	1.26	5.19	1.26	6.98	17
18	1.64 B	1.01	2.82	1.26	0.524	0.696	2.66	6.23	1.08	16.8	2.49	4.49	18
19	1.39 B	0.983	3.70	1.14	0.476	0.827	1.79	6.03	0.914	8.70	5.20	3.03	19
20	1.23 B	0.916	2.79	1.04	0.422	0.751	1.32	3.82	5.34	4.66	4.86	2.38	20
21	1.12 B	0.855	2.38	0.952	0.392	0.741	1.06	2.44	5.10	3.02	3.45	1.96	21
22	1.01 B	0.821	2.07	1.01	0.356	1.54	0.800	1.72	3.13	2.06	5.46	1.55	22
23	0.930B	0.776	1.73	1.39	0.313	1.95	0.692	1.23	2.09	1.53	5.69	1.41	23
24	0.860B	0.745B	1.53	1.84	0.281	2.26	0.604	0.971	2.70	1.20	3.64	1.37	24
25	0.805B	0.720B	1.33	2.17	0.308	1.75	0.498	0.960	5.23	1.30	2.45	1.11	25
26	0.765B	0.735B	1.20	2.53	0.313	1.21	0.413	0.873	5.75	1.22	3.50	0.914	26
27	0.749	0.772	1.17	2.15	0.314	3.24	0.347	0.745	4.05	1.02	8.90	0.739	27
28	0.952	1.51	1.29	1.74	0.310	4.37	0.337	0.658	2.55	1.15	5.25	0.635	28
29	1.19		1.29	1.49	0.300	3.18	0.339	0.564	1.89	3.36	3.24	0.554	29
30	1.05 B		1.40	1.40	0.289	2.57	0.288	0.484	1.96	3.04	2.22	0.561	30
31	0.965B		2.44		0.278		0.262	0.444		2.10		0.610	31
TOTAL	77.566	68.088	75.25	72.182	63.083	46.435	60.752	40.422	57.354	110.36	84.812	52.936	TOTAL
MEAN	2.50	2.43	2.43	2.41	2.03	1.55	1.96	1.30	1.91	3.56	2.83	1.71	MEAN
MAX	7.13	17.0	6.33	6.10	9.91	4.37	7.38	6.23	5.75	16.8	8.90	6.98	MAX
MIN	0.749	0.675	1.03	0.952	0.278	0.285	0.262	0.249	0.163	1.02	0.849	0.554	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.22
MAXIMUM DAILY, 17.0 ON FEB 10
MINIMUM DAILY, 0.163 ON SEP 10
MAXIMUM INSTANTANEOUS,
25.9 AT 22:23 NST ON FEB 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 55 07 N
LONG 53 56 59 W
DRAINAGE AREA, 36.5 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 700	JUL	5 250
FEB	5 880	AUG	3 490
MAR	6 500	SEP	4 960
APR	6 240	OCT	9 540
MAY	5 450	NOV	7 330
JUN	4 010	DEC	4 570

TOTAL DISCHARGE, 69 900 dam³

NEWFOUNDLAND AND LABRADOR

CORNER BROOK AT WATSONS BROOK POWERHOUSE - STATION NO. 02YL002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.16	3.68	2.39	7.53	14.4	2.10	1.57	2.46	5.78	3.71	2.19	3.20	1
2	2.03	3.68	2.39	7.33	15.8	1.77	2.33	2.33	6.26	2.97	1.87	5.58	2
3	1.87	6.31	2.36	7.84	15.8	1.57	2.33	2.33	6.63	2.65	1.93	5.44	3
4	2.62	6.03	2.19	6.97	13.7	1.54	2.33	2.33	7.48	2.65	1.83	7.05	4
5	3.11	6.29	2.16	8.07	9.60	1.54	2.33	2.46	7.48	2.82	1.67	11.5	5
6	2.86	5.89	2.06	12.8	12.1	1.57	2.62	2.33	7.50	2.55	2.10	11.2	6
7	3.11	5.15	2.03	11.1	18.4	1.77	2.83	2.23	7.50	2.55	5.41	9.09	7
8	4.19	4.76	2.03	6.20	19.5	3.68	3.17	2.16	6.23	4.11	5.30	7.28	8
9	3.51	5.49	2.13	10.1	15.3	2.92	2.94	2.16	6.29	4.36	2.06	5.41	9
10	3.09	4.93	2.33	9.26	14.4	2.66	2.49	2.16	5.66	5.58	2.19	4.96	10
11	3.79	5.10	2.16	9.68	13.5	2.16	2.35	2.16	5.58	5.66	2.52	5.61	11
12	3.00	8.72	2.16	9.51	13.5	1.93	2.46	2.19	4.64	3.99	2.69	5.38	12
13	2.89	9.26	2.33	7.87	12.9	1.64	2.23	2.72	3.68	2.94	2.75	4.76	13
14	3.06	6.54	2.65	8.16	11.5	1.77	2.23	2.75	2.79	2.19	2.94	4.62	14
15	2.82	4.98	2.78	8.58	11.4	2.00	2.26	2.79	2.72	1.77	3.82	4.53	15
16	2.65	4.96	2.55	8.27	9.20	2.00	1.83	2.79	2.59	1.87	1.97	5.64	16
17	2.75	4.59	3.09	8.04	8.52	1.83	2.32	4.02	2.59	3.14	2.39	6.68	17
18	2.82	3.96	3.99	7.93	4.39	2.10	2.49	5.21	2.59	2.86	3.03	6.20	18
19	2.78	3.54	3.06	7.93	3.34	1.93	2.86	7.53	2.66	2.72	0.654	5.61	19
20	3.28	3.28	2.82	8.86	2.72	1.93	3.00	5.89	3.20	2.32	2.46	5.13	20
21	3.11	3.14	2.46	11.3	2.10	2.59	3.14	4.36	2.94	1.83	2.62	4.93	21
22	3.06	3.00	2.23	9.49	1.80	2.52	3.20	3.94	2.94	1.74	3.03	4.93	22
23	3.34	2.59	2.16	10.2	1.67	2.39	3.31	3.88	2.94	1.77	3.20	4.45	23
24	3.34	2.16	1.61	9.77	1.74	3.14	3.14	3.82	2.94	1.77	3.11	3.68	24
25	3.20	2.19	2.29	8.13	1.74	3.14	3.14	3.91	3.26	1.67	2.75	3.51	25
26	3.14	2.29	5.15	7.99	1.70	3.28	3.14	3.94	3.60	1.64	2.72	3.43	26
27	3.14	2.46	7.39	8.58	1.70	2.92	3.20	4.25	3.45	2.06	2.49	3.34	27
28	3.17	2.39	7.50	8.78	2.06	2.86	3.62	4.39	3.37	3.28	2.26	2.92	28
29	3.09		7.16	7.14	2.66	2.10	3.20	4.59	3.51	2.97	1.97	2.79	29
30	3.26		8.16	8.35	2.33	1.12	2.94	5.10	3.91	2.97	2.00	2.49	30
31	3.54		7.53		1.90		2.86	5.49		2.19		2.49	31
TOTAL	93.78	127.36	103.30	261.76	261.37	66.47	83.86	108.67	132.71	87.30	77.924	163.83	TOTAL
MEAN	3.03	4.55	3.33	8.73	8.43	2.22	2.71	3.51	4.42	2.82	2.60	5.28	MEAN
MAX	4.19	9.26	8.16	12.8	19.5	3.68	3.62	7.53	7.50	5.66	5.41	11.5	MAX
MIN	1.87	2.16	1.61	6.20	1.67	1.12	1.57	2.16	2.59	1.64	0.654	2.49	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.30
MAXIMUM DAILY, 19.5 ON MAY 8
MINIMUM DAILY, 0.654 ON NOV 19

DATA CONTRIBUTED BY -
BOWATER POWER COMPANY LIMITED

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 55 26 N
LONG 57 54 11 W
DRAINAGE AREA, 127 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 100	JUL	7 250
FEB	11 000	AUG	9 390
MAR	8 930	SEP	11 500
APR	22 600	OCT	7 540
MAY	22 600	NOV	6 730
JUN	5 740	DEC	14 200

TOTAL DISCHARGE, 136 000 dam³

EAGLE RIVER ABOVE FALLS - STATION NO. 03QC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	106 B	75.3B	61.2B	53.8B	198B	2 100	569	408	165	324	467E	127 B	1
2	105 B	74.8B	60.3B	53.5B	227B	2 200	556	401	158	343	425E	122 B	2
3	103 B	74.2B	59.7B	53.5B	269B	2 100	521	408	151	356	368E	119 B	3
4	102 B	73.6B	59.5B	53.2B	311B	1 940	472	408	145	370	311E	116 B	4
5	101 B	73.1B	59.5B	53.2B	354B	1 780	431	400	139	412	297E	113 B	5
6	99.1B	72.5B	59.2B	53.0B	454	1 580	394	382	134	449	283	110 B	6
7	97.7B	71.9B	58.9B	53.0B	538	1 430	358	365	130	477	311	108 B	7
8	96.3B	71.4B	58.6B	52.7B	635	1 340	350	346	127	498	326	105 B	8
9	94.9B	70.8B	58.3B	52.7B	678	1 330	333	322	124	496	340	102 B	9
10	93.4B	70.2B	58.0B	52.4B	757	1 360	313	301	116	469	354	99.1B	10
11	93.4B	69.7B	57.8B	52.4B	888	1 380	298	278	113	453A	348	96.3B	11
12	92.0B	69.1B	57.5B	52.1B	970	1 330	282	258	108	425E	334	94.9B	12
13	90.6B	68.5B	57.5B	51.8B	1 100	1 220	262	245	107	396E	311	93.4B	13
14	89.2B	68.0B	57.2B	51.5B	1 270	1 090	248	235	105	368E	283	92.0B	14
15	88.6B	67.4B	57.2B	51.8B	1 320	980	242	220	105	354E	269	90.6B	15
16	87.8B	66.8B	56.9B	53.8B	1 400	905	279	216	107	311E	261	89.2B	16
17	86.9B	66.3B	56.9B	56.6B	1 550	819	354	216	108	297E	235A	87.8B	17
18	86.4B	65.7B	56.6B	62.3B	1 940	762	371	234	109	283E	223	83.5B	18
19	85.5B	65.1B	56.4B	68.0B	2 140	745	374	250	111	272E	205	82.1B	19
20	85.0B	65.1B	56.4B	70.8B	2 190	709	380	247	117	269E	193	80.7B	20
21	83.5B	64.6B	56.1B	76.5B	2 170	663	375	243	140	275E	180	79.3B	21
22	82.7B	64.0B	55.8B	82.1B	2 040	623	357	237	170	292E	170B	77.9B	22
23	82.1B	63.4B	55.8B	93.4B	1 890	575	338	227	192	311E	164B	76.5B	23
24	80.7B	62.9B	55.5B	102 B	1 780	557	532	221	204	354E	159B	75.0B	24
25	80.1B	62.9B	55.2B	110 B	1 730	557	535	211	210	396E	153B	74.5B	25
26	79.3B	62.6B	55.2B	119 B	1 720	535	512	204	221	453E	147B	73.6B	26
27	78.7B	62.3B	54.9B	130 B	1 690	517	484	195	253	510E	142B	72.8B	27
28	77.9B	61.7B	54.7B	144 B	1 660	557	446	192	290	538E	136B	71.6B	28
29	77.3B		54.4B	164 B	1 690	574	431	187	290	552E	133B	70.8B	29
30	76.5B		54.1B	181 B	1 750	576	449	180	295	524E	130B	70.2B	30
31	75.9B		53.8B		1 860		440	172		496E		69.4B	31
TOTAL	2 758.5	1 903.9	1 769.1	2 304.1	39 169	32 834	12 386	8 409	4 744	12 323	7 658	2 823.2	TOTAL
MEAN	89.0	68.0	57.1	76.8	1 260	1 090	400	271	158	398	255	91.1	MEAN
MAX	106	75.3	61.2	181	2 190	2 200	569	408	295	552	467	127	MAX
MIN	75.9	61.7	53.8	51.5	198	517	242	172	105	269	130	69.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 354
MAXIMUM DAILY, 2 200 ON JUN 2
MINIMUM DAILY, 51.5B ON APR 14
MAXIMUM INSTANTANEOUS,
2 270 AT 15:03 AST ON MAY 19

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 32 03 N
LONG 57 29 42 W
DRAINAGE AREA, 10 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	238 000	JUL	1 070 000
FEB	164 000	AUG	727 000
MAR	153 000	SEP	410 000
APR	199 000	OCT	1 060 000
MAY	3 380 000	NOV	662 000
JUN	2 840 000	DEC	244 000

TOTAL DISCHARGE, 11 100 000 dam³

NEWFOUNDLAND AND LABRADOR

EXPLOITS RIVER AT GRAND FALLS - STATION NO. 02YO001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	180	202	194	193	518	191	167	195	199	223	198	210	1
2	276	204	203	199	634	185	199	189	201	230	265	205	2
3	250	208	186	210	1 100	150	199	178	200	216	248	199	3
4	186	240	212	306	1 210	185	207	194	195	328	242	202	4
5	190	224	215	323	1 210	174	204	190	188	419	259	267	5
6	177	228	232	303	1 110	200	195	190	181	354	256	317	6
7	216	227	227	354	1 080	166	198	191	104	280	189	328	7
8	183	230	204	337	1 060	247	192	193	161	258	213	343	8
9	199	224	209	309	1 040	239	207	191	164	311	274	317	9
10	194	221	204	292	923	218	199	187	179	246	266	331	10
11	255	237	224	340	697	214	194	190	182	228	265	360	11
12	252	241	203	331	498	204	186	194	167	233	283	402	12
13	275	286	222	286	428	206	197	187	170	214	286	394	13
14	261	258	208	246	413	194	214	188	169	231	201	351	14
15	228	227	202	221	382	211	206	191	164	222	207	260	15
16	191	210	220	227	260	207	208	184	173	232	272	281	16
17	194	223	210	181	264	207	210	196	163	228	289	326	17
18	199	202	267	204	254	195	205	292	165	343	303	385	18
19	210	203	303	216	258	197	195	314	166	282	385	368	19
20	197	209	266	215	194	188	180	269	182	273	345	377	20
21	191	203	240	237	193	201	194	223	180	245	272	374	21
22	208	211	232	334	169	374	204	202	168	272	246	365	22
23	208	214	228	391	177	297	198	200	162	241	248	340	23
24	214	210	221	413	184	260	197	196	156	195	225	286	24
25	214	215	216	374	226	230	181	201	170	192	213	272	25
26	204	218	199	382	226	223	190	189	216	246	217	249	26
27	202	210	220	374	199	191	188	193	180	240	208	230	27
28	208	207	217	331	200	186	201	205	170	243	198	234	28
29	198		220	328	218	169	205	213	197	283	196	176	29
30	196		210	365	238	168	199	209	234	292	187	224	30
31	224		218		195		197	201		211		229	31
TOTAL	6 580	6 192	6 832	8 822	15 758	6 277	6 116	6 335	5 306	8 011	7 456	9 202	TOTAL
MEAN	212	221	220	294	508	209	197	204	177	258	249	297	MEAN
MAX	276	286	303	413	1 210	374	214	314	234	419	385	402	MAX
MIN	177	202	186	181	169	150	167	178	104	192	187	176	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 254
MAXIMUM DAILY, 1 210 ON MAY 4
MINIMUM DAILY, 104 ON SEP 7

DATA CONTRIBUTED BY -
PRICE (NEWFOUNDLAND) PULP AND PAPER COMPANY LTD.

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 55 50 N
LONG 55 40 07 W
DRAINAGE AREA, 8 460 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	569 000	JUL	528 000
FEB	535 000	AUG	547 000
MAR	590 000	SEP	458 000
APR	762 000	OCT	692 000
MAY	1 360 000	NOV	644 000
JUN	542 000	DEC	795 000

TOTAL DISCHARGE, 8 020 000 dam³

EXPLOITS RIVER BELOW STONY BROOK - STATION NO. 02YO005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	264	263	284	261	563	259	234	234	259	278	280	261	1
2	247	265	280	257	718	253	235	227	259	270	320	261	2
3	304	285	292	268	1 020	215	232	227	256	262	327	262	3
4	237	329	302	355	1 170	230	234	240	254	333	330	264	4
5	216	337	302	366	1 230	226	234	237	251	491	323	304	5
6	221	334	305	364	1 250	233	233	240	251	423	330	371	6
7	240	333	300	399	1 200	231	234	235	177	343	282	400	7
8	269	330	291	444	1 170	280	224	239	220	306	277	403	8
9	260	322	270	399	1 160	304	241	236	238	346	329	394	9
10	231	333	263	367	1 080	297	255	230	235	309	341	397	10
11	293	347	270	398	802	266	233	223	232	282	342	412	11
12	319	369	265	402	545	248	233	230	228	287	345	460	12
13	332	412	275	373	517	231	229	234	212	275	354	486	13
14	327	395	270	327	496	233	240	240	198	275	293	464	14
15	320	363	269	303	473	225	247	238	198	271	284	364	15
16	283	309	277	295	350	235	246	233	199	263	326	349	16
17	262	297	273	280	319	235	247	227	202	269	334	419	17
18	270	306	303	287	309	228	246	306	200	376	348	504	18
19	280	303	354	288	304	231	241	353	199	364	407	491	19
20	275	297	353	290	273	224	246	336	211	323	454	493	20
21	268	292	321	297	248	220	252	301	222	300	369	487	21
22	268	290	303	357	229	409	236	278	211	299	327	475	22
23	271	299	298	464	233	403	236	268	200	299	320	464	23
24	281	302	286	460	240	332	241	255	200	291	312	392	24
25	280	302	275	440	266	285	237	246	207	257	294	370	25
26	275	305	265	423	285	279	233	239	232	291	284	344	26
27	269	299	266	414	279	250	231	229	233	319	282	299	27
28	270	295	264	379	265	226	242	255	208	320	277	312	28
29	265		263	359	278	229	244	266	220	360	270	280	29
30	254		259	389	296	226	242	264	264	384	262	254	30
31	265		266		271		236	261		313		254	31
TOTAL	8 416	8 913	8 864	10 705	17 839	7 743	7 394	7 827	6 676	9 779	9 623	11 690	TOTAL
MEAN	271	318	286	357	575	258	239	252	223	315	321	377	MEAN
MAX	332	412	354	464	1 250	409	255	353	264	491	454	504	MAX
MIN	216	263	259	257	229	215	224	223	177	257	262	254	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 316
MAXIMUM DAILY, 1 250 ON MAY 6
MINIMUM DAILY, 177 ON SEP 7
MAXIMUM INSTANTANEOUS,
1 260 AT 10:53 NST ON MAY 6

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 55 27 N
LONG 55 39 29 W
DRAINAGE AREA, 8 640 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	727 000	JUL	639 000
FEB	770 000	AUG	676 000
MAR	766 000	SEP	577 000
APR	925 000	OCT	845 000
MAY	1 540 000	NOV	831 000
JUN	669 000	DEC	1 010 000

TOTAL DISCHARGE, 9 980 000 dam³

NEWFOUNDLAND AND LABRADOR

GANDER RIVER AT BIG CHUTE - STATION NO. 02YQ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	89.1	78.9	134	117	166	76.6	53.9	37.8	61.2	185	201	171	1
2	113	76.9	137	120	189	73.5	51.9	36.4	58.1	192	190	159	2
3	135	74.8	139	128	284	70.4	48.9	35.1	55.7	190	176	150	3
4	136	72.4	145	162	488	66.9	46.6	34.4	52.4	193	163	140	4
5	130	80.8	163	218	650	61.6	44.6	32.7	49.0	234	151	137	5
6	125	92.1	192	263	665	59.8	43.0	31.0	46.0	276	141	154	6
7	119	100	214	302	612	56.8	41.4	32.2	42.8	284	136	180	7
8	118	101	221	337	541	62.2	39.6	34.2	40.5	276	125	193	8
9	114	105	219	347	477	69.8	39.1	36.8	38.9	269	119	197	9
10	112	110	210	340	421	78.0	39.7	38.9	37.9	259	114	202	10
11	120	131	199	326	364	80.3	39.2	40.2	36.8	255	109	207	11
12	132	160	187	313	321	81.2	39.9	40.6	37.3	261	110	214 A	12
13	158	185	173	296	285	82.7	40.4	40.6	37.8	256	115	205 E	13
14	190	217	160	279	256	81.1	39.6	40.7	37.0	242	120	195 E	14
15	191	226	150	265	228	77.4	41.5	42.1	36.6	224	121	189 E	15
16	189	222	141	241	205	71.6	46.5	45.7	36.7	204	119	198 E	16
17	182	207	133	227	185	68.7	51.6	47.3	36.3	196	115	220 E	17
18	170	191 A	132	214	167	67.0	57.2	48.7	35.0	279	113	250 E	18
19	162	181 E	146	198	150	65.0	60.3	59.1	34.7	425	122	308 E	19
20	151	170 E	163	185	137	64.1	60.4	77.0	41.0	462	155	275 E	20
21	142	159 E	170	174	126	61.1	58.9	90.0	46.2	437	186	250 E	21
22	133	148 E	170	168	117	62.4	58.4	98.2	54.7	395	207	230 E	22
23	123	134 A	168	173	107	67.4	55.7	95.3	59.7	356	227	203 A	23
24	117	132	160	184	98.6	69.5	53.1	90.6	62.1	324	235	190	24
25	110	131	151	186	92.5	68.5	51.1	86.2	65.2	287	229	170	25
26	105	131	144	187	90.1	67.5	48.9	84.9	81.2	264	216	151	26
27	99.5	132	138	185	87.0	66.2	47.3	83.0	123	243	209	137	27
28	94.6	131	130	177	86.5	62.2	45.1	76.9	156	223	208	125	28
29	89.0		126	170	84.7	59.7	43.0	74.1	167	213	198	114	29
30	86.0		120	167	82.7	57.3	40.4	70.0	173	214	185	105	30
31	82.7		118		80.2		38.8	66.6		209		95.1	31
TOTAL	4 017.9	3 879.9	4 953	6 649	7 843.3	2 056.5	1 466.0	1 743.3	1 839.8	8 327	4 815	5 714.1	TOTAL
MEAN	130	139	160	222	253	68.6	47.3	56.2	61.3	269	161	184	MEAN
MAX	191	226	221	347	665	82.7	60.4	95.3	173	462	235	308	MAX
MIN	82.7	72.4	118	117	80.2	56.8	38.8	31.0	34.7	185	109	95.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 146
MAXIMUM DAILY, 665 ON MAY 6
MINIMUM DAILY, 31.0 ON AUG 6
MAXIMUM INSTANTANEOUS,
674 AT 00:35 NST ON MAY 6

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 55 N
LONG 54 51 13 W
DRAINAGE AREA, 4 400 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	347 000	JUL	127 000
FEB	335 000	AUG	151 000
MAR	428 000	SEP	159 000
APR	574 000	OCT	719 000
MAY	678 000	NOV	416 000
JUN	178 000	DEC	494 000

TOTAL DISCHARGE, 4 610 000 dam³

GARNISH RIVER NEAR GARNISH - STATION NO. 02ZG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	32.0 B	4.21B	7.99	16.4	5.83	2.53	7.51	4.41	2.67	27.2	13.7	11.3	1
2	28.5 B	4.02B	9.41	19.9	10.0	2.93	7.33	4.35	2.44	23.9	11.6	9.60	2
3	25.5	3.83B	9.79	18.9	18.1	3.49	6.85	4.34	2.28	19.9	10.1	8.30	3
4	18.7	3.70B	9.47	17.1	26.0	3.78	5.97	4.25	2.02	28.0	8.76	7.31	4
5	15.6	3.60B	9.00	15.5	27.2	3.85	5.39	4.79	1.84	40.7	7.60	6.56	5
6	13.6	3.48B	8.66	13.4	23.8	3.58	6.21	4.65	1.85	40.8	6.63	6.24	6
7	10.8	3.35B	8.39	11.9	20.1	3.88	8.78	5.59	1.83	32.2	5.89	6.02	7
8	9.50	3.30B	7.63	10.7	16.8	5.94	11.6	6.06	1.71	25.3	5.86	5.57	8
9	10.5	3.19B	7.06	9.66	14.2	6.93	14.9	5.96	1.55	20.4	5.54	6.45	9
10	14.1	21.5	6.53	8.57	12.2	8.89	16.1	5.93	1.46	18.4	5.41	6.93	10
11	14.8	26.6	5.79	7.79	10.6	11.3	16.5	5.97	1.38	17.5	5.76	7.35	11
12	20.4	23.0	5.17	7.36	8.91	12.5	14.9	5.59	1.35	16.4	6.66	8.02	12
13	23.7	22.3	4.80	6.72	7.57	11.7	12.4	5.12	1.35	14.4	7.66	8.17	13
14	23.4	20.2	4.85	5.92	6.51	10.0	10.8	4.93	1.31	12.2	8.73	7.85	14
15	21.9	17.1	5.21B	5.50	5.59	8.35	16.1	4.58	1.34	10.5	8.96	7.27	15
16	18.6	13.5 B	5.55	5.51	4.94	6.83	27.1	4.38	1.62	9.19	8.80	9.09	16
17	16.7	10.9	7.20	5.42	4.46	6.07	29.4	4.38	2.08	17.7	8.58	14.9	17
18	12.5	9.17	19.2	5.28	3.93	5.17	24.6	5.51	2.48	31.0	8.59	19.7	18
19	10.5	7.84	27.2	5.05	3.23	4.38	18.7	6.08	3.43	44.6	11.7	19.8	19
20	9.40B	6.65	27.0	4.68	3.01	3.98	14.7	7.57	10.8	38.2	13.7	18.1	20
21	8.50B	5.86	22.6	4.58	2.70	3.73	11.9	8.06	18.3	28.9	14.7	15.2	21
22	7.62B	5.42	17.9	5.12	2.44	4.25	9.89	7.49	20.5	22.0	17.7	13.1	22
23	6.82B	5.02	13.7	5.65	2.41	4.75	8.35	6.69	18.5	16.9	19.1	11.5	23
24	6.25B	4.92	11.4	6.46	2.25	6.66	7.47	6.07	21.6	13.8	18.9	10.2	24
25	5.65B	4.73	9.67	7.02	2.05	6.93	6.79	5.71	31.3	11.7	16.4	9.19	25
26	5.21B	4.60	8.17	7.20	2.01	6.98	5.71	5.14	40.7	9.79	15.5	7.70B	26
27	4.75B	4.61	6.91	7.21	1.96	7.28	4.77	4.35	38.4	8.49	15.9	6.60B	27
28	4.38B	5.91	5.92	6.80	2.00	7.43	4.28	3.77	30.5	10.3	16.3	6.00B	28
29	4.59B		5.31	6.33	1.93	7.31	4.09	3.29	25.1	14.7	15.4	5.55B	29
30	4.90B		4.90	5.86	1.91	7.50	4.06	3.02	26.5	17.0	13.3	5.25B	30
31	4.40B		10.9		1.99		4.37	2.92		16.4		5.00B	31
TOTAL	413.77	252.51	313.28	263.49	256.63	188.90	347.52	160.95	318.19	658.47	333.43	289.82	TOTAL
MEAN	13.3	9.02	10.1	8.78	8.28	6.30	11.2	5.19	10.6	21.2	11.1	9.35	MEAN
MAX	32.0	26.6	27.2	19.9	27.2	12.5	29.4	8.06	40.7	44.6	19.1	19.8	MAX
MIN	4.38	3.19	4.80	4.58	1.91	2.53	4.06	2.92	1.31	8.49	5.41	5.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.4
MAXIMUM DAILY, 44.6 ON OCT 19
MINIMUM DAILY, 1.31 ON SEP 14
MAXIMUM INSTANTANEOUS,
46.3 AT 14:38 NST ON OCT 19

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 12 50 N
LONG 55 19 45 W
DRAINAGE AREA, 205 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	35 700	JUL	30 000
FEB	21 800	AUG	13 900
MAR	27 100	SEP	27 500
APR	22 800	OCT	56 900
MAY	22 200	NOV	28 800
JUN	16 300	DEC	25 000

TOTAL DISCHARGE, 328 000 dam³

NEWFOUNDLAND AND LABRADOR

GREY RIVER NEAR GREY RIVER - STATION NO. 02ZD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	150 B	25.0	60.0E	93.1	650 E	---	---	---	---	---	95.0E	35.3	1
2	90.0B	27.3	47.0E	90.7	500 E	---	---	---	---	---	82.0E	31.8	2
3	55.0B	65.9	38.0E	292	408 A	---	---	---	---	---	73.0E	49.7	3
4	40.0B	218	50.0E	224	265 E	---	---	---	---	---	67.0E	164	4
5	35.5B	144 A	90.0E	168	195 E	---	---	---	---	---	63.0E	196	5
6	32.5B	95.0B	150 E	153	170 E	---	---	---	---	---	58.0E	265	6
7	30.0B	81.0B	120 E	197	250 E	---	---	---	---	---	87.9A	191	7
8	55.0B	69.0B	86.0E	148	164 A	---	---	---	---	---	133	151	8
9	131	59.0B	60.0E	104	105 A	---	---	---	---	---	98.0	168	9
10	101	55.0B	44.0E	83.3	71.5A	---	105 A			---	76.1	139	10
11	326	77.0B	35.0E	82.0	52.8A	---	68.8A	---	---	---	60.4	148	11
12	266	100 B	27.5E	72.5	40.4A	---	---	---	---	---	62.3	136	12
13	193	125 B	24.0E	58.9	31.9A	---	---	---	---	---	61.1	91.1	13
14	151	100 B	21.5E	47.6A	27.2A	---	---	---	---	---	50.2	59.7	14
15	101	85.0B	19.0E	75.0E	23.7A	---	---	---	---	---	42.6	58.1	15
16	68.5	65.0B	25.0E	94.0E	21.7A	---	---	---	---	---	36.5	133	16
17	51.6	48.0B	70.0E	89.5A	---	---	---	---	---	---	33.5	322	17
18	39.8	39.0B	300 E	67.9	---	---	---	---	---	---	46.1	157	18
19	33.9	32.0B	185 E	54.6	---	---	---	---	---	161 A	145	110	19
20	28.5	27.0B	130 E	51.5A	---	---	---	---	---	131	146	87.5	20
21	25.7	23.0B	95.0E	80.0E	---	---	---	---	---	115	112	77.6	21
22	24.0	20.0B	65.0E	120 E	---	---	---	---	---	84.3	296	54.9	22
23	22.1	22.0B	47.6A	113 A	---	---	---	---	---	66.0	203	51.6	23
24	21.2	25.0B	42.3	95.6	---	---	---	---	---	70.9	137	31.5	24
25	19.0	30.0E	34.1	77.3	---	---	15.9A	---	---	147	96.8	30.7	25
26	17.7	40.0E	32.0	62.1	---	---	---	---	---	104	74.6	29.0A	26
27	17.4	50.0E	29.2	53.2	---	---	---	---	---	77.6	55.6	27.0B	27
28	16.9	72.0E	29.8	46.8	---	---	---	---	---	82.0	48.9	25.0B	28
29	15.9		24.5	38.5A	---	---	---	---	---	141	45.9	23.4B	29
30	18.0		26.0	200 E	---	---	---	---	---	122	43.6	21.8B	30
31	21.4		42.5		---		---	---		110 A		20.5B	31
TOTAL	2 198.6	1 819.2	2 050.0	3 133.1	---	---	---	---	---	---	2 630.1	3 088.2	TOTAL
MEAN	70.9	65.0	66.1	104	---	---	---	---	---	---	87.7	99.6	MEAN
MAX	326	218	300	292	---	---	---	---	---	---	296	322	MAX
MIN	15.9	20.0	19.0	38.5	---	---	---	---	---	---	33.5	20.5	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 44 35 N
LONG 56 56 05 W
DRAINAGE AREA, 1 340 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	190 000	JUL	---
FEB	157 000	AUG	---
MAR	177 000	SEP	---
APR	271 000	OCT	---
MAY	---	NOV	227 000
JUN	---	DEC	267 000

HARRYS RIVER BELOW HIGHWAY BRIDGE - STATION NO. 02YJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	25.0B	10.1 B	16.6	12.6	121	17.6	14.5	9.90	11.9	22.9	18.8	18.9	1
2	22.5B	9.90B	16.7	11.6	126	15.7	13.4	8.95	11.3	19.4	19.0	17.8	2
3	20.0B	13.0 B	16.2	15.6	131	13.7	11.9	9.22	10.8	32.2	20.8	24.4	3
4	18.3B	23.5 B	15.5	18.6	120	13.3	11.5	10.6	10.2	40.6	19.9	130	4
5	17.5B	21.7 B	15.4	30.2	108	13.2	11.2	10.6	9.63	27.3	18.6	111	5
6	15.2B	19.5 B	16.2	90.6	116	12.0	11.1	9.06	9.13	31.0	17.3	88.5	6
7	14.4B	18.0 B	15.7	130	120	11.9	12.1	8.05	8.86	25.3	82.7	72.5	7
8	16.5B	16.8 B	14.3	70.3	102	55.4	11.6	7.54	8.30	43.8	47.0	58.7	8
9	19.5B	19.0 B	13.3	55.2	81.4	40.0	10.6	7.59	7.86	31.6	35.6	57.5	9
10	22.0B	22.0 B	12.4	61.2	77.5	24.7	9.58	7.32	7.71	26.3	29.5	50.9	10
11	25.5B	26.0 B	12.2	63.6	72.9	21.0	8.79	7.54	7.32	23.5	26.9	45.8	11
12	30.0B	32.5 B	11.8	49.5	68.0	18.3	8.61	8.17	7.09	21.5	29.3	40.5	12
13	26.5B	37.0 B	11.4	42.0	62.2	17.1	8.30	33.8	7.22	20.1	28.9	34.1	13
14	24.0B	33.5 B	11.1	36.4	53.8	15.8	19.9	15.3	7.48	18.3	25.1	30.4	14
15	22.0B	30.2 B	10.9	36.3	45.8	14.5	27.3	12.9	7.45	17.5	22.7	27.1	15
16	20.2B	27.8 B	10.5	37.3	39.5	14.7	16.6	10.8	6.93	16.2	21.9	35.7	16
17	19.1B	25.8 B	10.2	33.8	35.3	13.4	20.6	76.6	6.53	20.2	21.6	71.3	17
18	18.0B	24.5 B	26.0	30.3	37.0	13.8	13.2	63.4	6.36	26.1	38.4	47.5	18
19	17.1B	23.0 B	25.4	27.8	29.0	12.8	10.9	39.2	6.19	19.5	38.6	37.7	19
20	16.0B	21.6 B	20.2	27.1	25.8	11.5	9.84	31.5	32.5	21.1	31.9	33.0	20
21	15.1B	20.4 B	18.5	36.3	23.4	17.8	8.70	28.5	28.9	20.8	27.3	29.5	21
22	14.4B	19.2 B	16.8	53.8	20.9	47.0	8.44	26.2	21.6	18.9	29.9	27.0	22
23	13.7B	18.3 B	15.7	53.7	19.5	28.0	7.55	23.7	15.9	17.9	39.2	24.7	23
24	13.2B	17.3	14.9	46.7	19.8	26.6	7.24	21.7	13.1	17.1	34.6	23.3	24
25	12.6B	17.6	14.2	41.7	21.8	20.3	7.07	20.4	20.7	18.3	29.2	20.5	25
26	12.2B	17.7	13.6	37.9	18.5	22.1	6.72	18.3	17.7	16.4	26.6	19.6	26
27	11.7B	18.2	13.4	36.5	17.3	23.8	5.91	17.1	13.5	15.6	24.9	18.2B	27
28	11.3B	17.7	12.9	46.5	15.8	18.7	44.6	16.0	11.6	28.5	23.1	17.5B	28
29	11.0B		12.3	51.1	18.8	16.7	19.7	14.7	15.3	31.7	21.1	16.9B	29
30	10.7B		12.4	127	16.9	15.3	13.1	13.8	29.1	23.1	20.0	16.3B	30
31	10.4B		12.5		15.8		10.9	12.3		20.2		15.7B	31
TOTAL	545.6	601.80	459.2	1 813.2	1 780.7	606.7	401.45	600.74	378.16	732.9	870.4	1 260.5	TOTAL
MEAN	17.6	21.5	14.8	47.1	57.4	20.2	13.0	19.4	12.6	23.6	29.0	40.7	MEAN
MAX	30.0	37.0	26.0	130	131	55.4	44.6	76.6	32.5	43.8	82.7	130	MAX
MIN	10.4	9.90	10.2	11.6	15.8	11.5	5.91	7.32	6.19	15.6	17.3	15.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 26.4
MAXIMUM DAILY, 131 ON MAY 3
MINIMUM DAILY, 5.91 ON JUL 27
MAXIMUM INSTANTANEOUS,
187 AT 20:19 NST ON APR 30

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 34 31 N
LONG 58 21 48 W
DRAINAGE AREA, 640 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	47 100	JUL	34 700
FEB	52 000	AUG	51 900
MAR	39 700	SEP	32 700
APR	122 000	OCT	63 300
MAY	154 000	NOV	75 200
JUN	52 400	DEC	109 000

TOTAL DISCHARGE, 834 000 dam³

HINDS BROOK AT HINDS BROOK POWERHOUSE - STATION NO. 02YK006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	19.7	35.2	27.3	27.7	35.1	13.0	18.2	16.1	32.0	15.7	21.1	23.1	1
2	34.9	35.2	27.5	27.7	37.5	32.2	18.9	1.85	31.9	15.3	22.3	33.0	2
3	34.9	30.1	27.5	28.5	37.5	34.7	23.1	0.690	11.5	14.1	21.9	33.7	3
4	35.6	27.0	27.0	25.6	32.7	34.8	26.6	11.6	31.6	20.1	22.7	31.7	4
5	35.9	27.9	27.0	25.1	35.9	34.6	14.2	15.2	31.0	20.2	22.2	30.8	5
6	23.8	29.4	27.5	24.1	37.4	34.0	22.7	15.0	30.7	18.6	17.7	30.8	6
7	3.36	27.3	27.5	27.4	37.4	33.2	30.3	15.5	25.7	19.1	0	31.4	7
8	32.0	26.6	27.0	27.9	37.5	32.6	19.7	0.690	31.2	19.3	2.78	29.2	8
9	30.8	26.6	25.7	23.8	37.5	32.3	32.2	0.690	25.0	18.3	11.8	19.9	9
10	0.690	26.6	27.9	26.7	37.6	33.4	30.7	17.5	30.2	21.1	4.17	23.6	10
11	1.63	17.5	27.9	26.8	37.5	35.1	30.8	11.5	30.2	17.8	11.3	29.3	11
12	13.7	27.2	28.0	26.8	37.3	33.7	30.7	6.13	30.3	20.5	0	30.2	12
13	35.4	27.0	27.9	28.8	46.5	34.5	30.9	0.690	30.7	19.2	13.3	30.7	13
14	35.4	27.3	28.0	26.5	44.2	34.7	30.5	16.1	30.5	19.7	16.5	30.8	14
15	35.2	28.0	28.0	27.9	37.4	29.2	28.7	19.0	30.2	19.0	16.3	30.5	15
16	35.6	27.9	28.0	30.8	37.5	16.7	26.7	18.4	26.0	17.4	16.0	30.4	16
17	35.9	26.6	27.7	25.5	37.5	17.2	15.3	1.27	17.4	16.1	8.45	32.0	17
18	35.6	26.6	23.8	23.9	37.5	20.2	14.7	0.690	21.4	21.6	24.2	31.6	18
19	36.0	26.7	20.0	24.9	32.5	30.0	15.6	0.690	20.5	22.1	18.7	30.2	19
20	34.1	27.5	18.9	14.1	30.1	30.3	15.9	0.690	20.2	22.1	19.7	30.7	20
21	31.1	27.7	18.4	23.6	25.6	29.0	19.4	0.690	21.9	29.9	19.2	32.0	21
22	32.6	27.7	18.0	32.5	20.4	30.4	9.02	0.810	21.9	30.2	15.9	31.5	22
23	35.6	23.4	19.9	24.4	22.7	28.2	0.690	30.0	20.2	30.5	18.0	30.2	23
24	36.2	27.7	27.1	32.7	0.580	29.4	4.17	31.6	21.1	32.0	31.7	29.2	24
25	36.0	26.0	28.3	33.3	0	28.1	15.6	29.9	21.1	30.2	31.4	29.6	25
26	35.6	27.5	27.3	31.5	19.8	30.5	15.4	31.1	15.7	29.7	31.1	30.5	26
27	36.2	27.2	26.0	31.0	28.9	29.5	11.9	31.4	16.7	17.8	30.7	21.5	27
28	35.4	27.9	27.7	32.5	17.7	30.0	14.7	32.2	21.6	14.3	29.9	34.7	28
29	35.4		26.5	32.4	12.5	25.6	15.0	31.2	20.7	22.2	14.7	34.9	29
30	33.9		27.7	33.3	24.6	29.9	18.5	31.7	22.0	22.3	19.6	33.9	30
31	35.2		28.2		32.7		17.7	31.5		20.9		22.7	31
TOTAL	933.380	769.3	805.2	827.7	949.580	886.6	618.480	452.080	741.1	657.3	533.30	928.3	TOTAL
MEAN	30.1	27.5	26.0	27.6	30.6	29.6	20.0	14.6	24.7	21.2	17.8	29.8	MEAN
MAX	36.2	35.2	28.3	33.3	46.5	35.1	32.2	32.2	32.0	32.0	31.7	34.9	MAX
MIN	0.690	17.5	18.0	14.1	0	13.0	0.690	0.690	11.5	14.1	0	19.9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 24.9
MAXIMUM DAILY, 46.5 ON MAY 13
MINIMUM DAILY, 0 ON MAY 25

DATA CONTRIBUTED BY -
NEWFOUNDLAND AND LABRADOR HYDRO

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 05 00 N
LONG 57 12 13 W
DRAINAGE AREA, 651 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	80 600	JUL	53 400
FEB	66 500	AUG	39 100
MAR	69 600	SEP	64 000
APR	71 500	OCT	56 800
MAY	82 000	NOV	46 100
JUN	76 600	DEC	79 900

TOTAL DISCHARGE, 786 000 dam³

HUMBER RIVER AT GRAND LAKE OUTLET - STATION NO. 02YK001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	98.3	185	204	118	179	161	102	137	157	181	182	186	1
2	144	180	195	118	184	161	108	136	159	185	179	191	2
3	171	180	202	128	155	148	127	139	162	189	172	168	3
4	185	181	189	138	282	161	133	122	159	184	173	191	4
5	185	183	187	149	351	163	133	128	155	170	179	191	5
6	193	176	193	133	345	180	131	129	146	170	179	179	6
7	174	184	198	122	504	178	135	133	53.2	168	174	173	7
8	172	191	192	144	558	165	130	130	70.5	181	174	183	8
9	182	190	184	136	388	153	135	130	144	186	190	170	9
10	191	172	187	137	362	159	133	126	150	182	182	177	10
11	176	186	172	143	368	155	135	119	151	174	190	178	11
12	174	184	181	141	362	165	132	123	153	186	202	195	12
13	168	184	191	126	348	163	139	127	162	167	195	193	13
14	172	183	185	134	368	163	143	129	166	171	203	200	14
15	167	184	190	123	340	168	144	119	165	179	196	187	15
16	180	170	191	134	357	171	135	131	171	180	183	185	16
17	183	186	188	137	331	156	127	128	167	177	199	190	17
18	184	183	187	125	238	172	133	109	168	179	182	201	18
19	186	172	188	128	168	170	131	104	165	179	177	199	19
20	189	183	187	124	167	163	140	125	163	177	198	200	20
21	182	189	181	134	163	170	133	131	167	176	201	200	21
22	191	187	195	130	170	170	131	129	168	177	199	199	22
23	182	177	195	114	157	166	128	135	165	181	180	202	23
24	172	169	177	132	138	161	133	133	164	187	170	91.2	24
25	172	168	175	120	149	165	131	155	158	180	185	80.1	25
26	169	194	180	125	165	140	130	147	163	181	180	182	26
27	160	195	175	156	137	172	122	148	162	180	192	182	27
28	163	201	176	183	140	161	116	156	163	154	200	192	28
29	182		172	170	151	146	136	164	163	165	197	200	29
30	186		174	178	135	39.9	124	160	155	182	176	181	30
31	186		120		155		132	158		178		94.0	31
TOTAL	5 419.3	5 117	5 711	4 080	8 015	4 765.9	4 042	4 140	4 614.7	5 506	5 589	5 540.3	TOTAL
MEAN	175	183	184	136	259	159	130	134	154	178	186	179	MEAN
MAX	193	201	204	183	558	180	144	164	171	189	203	202	MAX
MIN	98.3	168	120	114	135	39.9	102	104	53.2	154	170	80.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 171
MAXIMUM DAILY, 558 ON MAY 8
MINIMUM DAILY, 39.9 ON JUN 30

DATA CONTRIBUTED BY -
BOWATER POWER COMPANY LIMITED

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 09 43 N
LONG 57 25 28 W
DRAINAGE AREA, 5 020 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	468 000	JUL	349 000
FEB	442 000	AUG	358 000
MAR	493 000	SEP	399 000
APR	353 000	OCT	476 000
MAY	692 000	NOV	483 000
JUN	412 000	DEC	479 000

TOTAL DISCHARGE, 5 400 000 dam³

NEWFOUNDLAND AND LABRADOR

INDIAN BAY BROOK NEAR NORTHWEST ARM - STATION NO. 02YR003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.6E	12.2	17.7	23.3	19.1	10.3	7.03	3.91	4.08	8.59	26.9	26.5	1
2	15.2E	11.7	16.8	22.3	21.0	9.53	6.75	3.70	4.03	9.45	25.9	25.9	2
3	16.0E	12.0	16.6	24.0	23.8	8.50	6.55	3.67	3.93	9.86	25.1	25.2	3
4	16.3E	15.1	17.9	26.2	30.6	7.98	6.28	3.75	3.79	11.1	23.9	24.4	4
5	15.9E	15.6	21.0	27.0	32.3	7.61	5.68	3.73	3.60	14.6	22.5	24.1	5
6	15.3E	15.1	24.7	27.4	33.9	7.18	5.41	3.68	3.45	15.1	21.3	23.9	6
7	14.8E	15.6	25.7	28.8	35.6	6.98	5.36	3.46	3.30	14.7	20.4	28.6	7
8	14.5E	15.6	25.2	28.9	37.1	11.7	5.34	3.70	3.24	15.4	19.7	27.5	8
9	14.6E	16.5B	25.6	28.8	35.7	10.5	5.52	3.69	3.16	18.4	18.9	26.4	9
10	14.8E	17.0B	25.8	28.9	34.8	9.17	5.48	3.62	2.91	18.5	17.9	25.8	10
11	15.2E	15.9B	25.5	29.4	32.9	8.93	5.12	3.57	3.60	19.6	17.2	25.5	11
12	16.0E	16.8B	25.0	28.7	31.5	9.12	4.66	3.66	4.51	22.7	18.8	26.5	12
13	16.9E	18.4B	24.5	28.6	29.3	8.75	4.23	4.03	4.35	22.5	18.3	25.9	13
14	18.0E	18.5B	23.7	27.0	27.6	8.50	3.96	4.57	4.00	21.5	16.8	24.5	14
15	19.0E	18.5A	24.0	26.3	26.6	8.54	5.02	4.70	3.78	21.2	16.4	23.3	15
16	18.9E	18.3E	23.5	25.1	24.5	8.60	6.50	4.20	3.58	20.8	16.1	23.6	16
17	18.7E	17.9E	22.3	24.1	22.5	8.19	5.60	4.02	3.45	24.5	16.0	28.0	17
18	18.5E	17.4E	25.9	22.4	21.1	8.18	5.23	4.48	3.35	39.3	17.2A	26.9	18
19	18.3E	17.0E	29.3	21.4	19.9	8.55	5.03	5.82	3.24	37.4	19.1	24.8	19
20	18.0E	16.5E	27.3	20.4	18.5	8.11	4.88	5.36	4.59	36.3	21.0	24.8	20
21	17.4A	16.0E	27.0	19.2	17.1	8.22	4.66	4.81	5.67	37.0	20.3	24.7	21
22	17.1	15.6E	27.2	20.5	16.0	8.85	4.51	4.56	4.81	37.1	21.8	22.4	22
23	16.9	15.1E	27.0	21.2	14.8	8.76	4.47	4.57	4.05	37.1	22.6	21.8B	23
24	16.3	14.1A	26.5	21.4	14.1	8.27	4.42	4.59	3.75	36.7	22.4	21.0B	24
25	15.9	14.0	26.2	20.9	13.9	7.96	4.30	4.95	3.70	35.6	22.2	20.0B	25
26	15.4	13.8	25.5	20.4	13.0	7.51	4.15	5.17	5.66	34.0	22.3	19.5B	26
27	14.8	13.2	24.6	20.0	12.0	7.46	4.06	5.01	8.74	32.5	29.2	18.5B	27
28	14.4	14.4	24.1	19.4	11.3	7.33	3.97	4.66	7.89	31.5	29.2	18.0B	28
29	13.7		23.8	18.9	11.3	7.18	4.55	4.37	7.19	32.6	27.5	17.5B	29
30	13.2		22.8	18.8	10.9	7.11	4.21	4.12	7.55	30.3	26.8	17.0B	30
31	12.7		22.9		10.5		4.03	4.05		28.5		16.7B	31
TOTAL	497.3	437.8	745.6	719.7	703.2	253.57	156.96	132.18	132.95	774.40	643.7	729.2	TOTAL
MEAN	16.0	15.6	24.1	24.0	22.7	8.45	5.06	4.26	4.43	25.0	21.5	23.5	MEAN
MAX	19.0	18.5	29.3	29.4	37.1	11.7	7.03	5.82	8.74	39.3	29.2	28.6	MAX
MIN	12.7	11.7	16.6	18.8	10.5	6.98	3.96	3.46	2.91	8.59	16.0	16.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.2
MAXIMUM DAILY, 39.3 ON OCT 18
MINIMUM DAILY, 2.91 ON SEP 10
MAXIMUM INSTANTANEOUS,
42.0 AT 13:12 NST ON OCT 18

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 02 24 N
LONG 53 53 00 W
DRAINAGE AREA, 348 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	43 000	JUL	13 600
FEB	37 800	AUG	11 400
MAR	64 400	SEP	11 500
APR	62 200	OCT	66 900
MAY	60 800	NOV	55 600
JUN	21 900	DEC	63 000

TOTAL DISCHARGE, 512 000 dam³

INDIAN BROOK AT INDIAN FALLS - STATION NO. 02YM001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.0 B	7.40B	17.5B	12.5	80.0E	14.8	14.0	6.48	9.13	19.0	18.2	17.3	1
2	14.5 B	8.20B	18.0B	11.7	94.0E	14.0	12.8	6.06	8.53	17.3	16.7	16.2	2
3	15.3 B	9.90B	18.8B	13.5	110 E	12.9	11.2	6.02	8.11	15.8	15.9	15.6	3
4	14.5 B	12.3 B	19.9B	17.9	123 E	12.1	10.1	7.01	7.70	33.5	15.4	17.6	4
5	13.8 B	15.2 B	28.5	22.9	108 A	11.3	9.27	7.70	7.12	61.5	14.5	31.6	5
6	13.1 B	18.5 B	40.0	28.8	87.8	10.4	8.47	7.61	6.78	52.7	13.7	53.4	6
7	12.3 B	16.8 B	38.0	44.4	83.7	10.3	8.51	7.25	6.46	41.5	14.1	81.7	7
8	11.6 B	15.5 B	30.4	59.5	83.5	16.1	8.35	7.30	6.22	45.6	16.3	82.1	8
9	11.2 B	14.8 B	25.0	50.2	74.2	22.0	7.82	7.36	5.99	85.6	17.8	70.2	9
10	10.7 B	14.2 B	21.6	43.1	63.9	21.7	7.38	6.76	5.75	98.2	17.8	65.6	10
11	12.0 B	13.8 B	19.4	47.7	56.5	19.3	6.69	6.31	5.57	93.7	17.0	68.9	11
12	15.5 B	16.0 B	17.8	44.2	50.7	17.0	6.23	6.05	5.35	78.4	15.9	63.6	12
13	17.0 B	20.5 B	16.7	37.1	45.7	15.1	6.07	7.11	5.12	62.3	15.4	53.3	13
14	15.5 B	30.0 B	15.6	31.5	42.1	13.5	6.02	7.74	5.29	50.2	14.4	43.8	14
15	14.5 B	25.5 B	14.9	30.2	38.1	12.4	7.18	7.55	5.04	42.3	13.8	39.0	15
16	13.7 B	22.0 B	15.0	29.6	33.9	11.5	10.4	6.81	4.79	35.6	13.0	35.6	16
17	13.1 B	19.5 B	13.8	27.5	31.0	10.2	11.4	11.8	4.63	36.2	12.4	32.5B	17
18	12.4 B	17.7 B	15.9	24.7	28.2	10.0	10.3	57.7	4.49	55.0	14.4	29.6B	18
19	11.8 B	16.2 B	22.2	23.0	26.2	9.58	8.87	53.0	4.28	52.2	21.9	27.2B	19
20	11.2 B	15.0 B	24.1	25.4	24.0	8.94	7.77	43.8	6.17	42.4	29.3	25.5B	20
21	10.7 B	14.7 B	21.3	37.3	21.9	8.56	8.13	32.4	9.77	34.8	26.1	23.7B	21
22	10.2 B	14.8 B	19.0	62.5	20.0	17.1	8.29	24.3	9.57	29.2A	24.9	22.2B	22
23	9.90B	15.3 B	16.8	65.0	18.3	23.9	7.80	19.7	8.46	28.0A	27.3	20.8B	23
24	9.60B	16.3 B	15.5	56.2	17.2	25.4	6.80	16.8	7.39	25.2	28.5	19.6B	24
25	9.25B	17.5 B	14.9	51.7	19.5	23.8	6.07	16.5	7.98	24.2	26.1	18.7B	25
26	9.00B	18.2 B	14.0	48.4	22.2	20.4	5.55	15.1	9.33	22.5	23.4	17.6B	26
27	8.65B	18.8 B	13.2	49.9	21.5	19.8	5.17	13.4	9.93	20.9	22.4	16.7B	27
28	8.30B	18.0 B	12.7	51.6A	19.6	18.1	5.92	12.1	9.26	20.5	22.6	16.0B	28
29	8.05B		12.1	58.0E	18.2	16.5	8.12	11.1	8.80	22.5	20.5	15.3B	29
30	7.80B		11.9	66.0E	16.9	14.8	8.07	10.3	15.0	22.1	18.6	14.6B	30
31	7.60B		12.1		15.9		7.12	9.73		19.9		14.0B	31
TOTAL	365.75	462.60	596.6	1 172.0	1 495.7	461.48	255.87	458.85	218.01	1 288.8	568.3	1 069.5	TOTAL
MEAN	11.8	16.5	19.2	39.1	48.2	15.4	8.25	14.8	7.27	41.6	18.9	34.5	MEAN
MAX	17.0	30.0	40.0	66.0	123	25.4	14.0	57.7	15.0	98.2	29.3	82.1	MAX
MIN	7.60	7.40	11.9	11.7	15.9	8.56	5.17	6.02	4.28	15.8	12.4	14.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 23.1
MAXIMUM DAILY, 123E ON MAY 4
MINIMUM DAILY, 4.28 ON SEP 19

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 43 N
LONG 56 06 45 W
DRAINAGE AREA, 974 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	31 600	JUL	22 100
FEB	40 000	AUG	39 600
MAR	51 500	SEP	18 800
APR	101 000	OCT	111 000
MAY	129 000	NOV	49 100
JUN	39 900	DEC	92 400

TOTAL DISCHARGE, 726 000 dam³

ISLE AUX MORTS RIVER BELOW HIGHWAY BRIDGE - STATION NO. 02ZB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.0 B	1.68B	9.19	13.5	69.5	11.5	5.21	4.81	1.50	39.4	5.67	3.85	1
2	11.5 B	1.62B	7.14	12.9	56.9	8.46	4.09	3.65	1.47	23.5	5.74	3.52	2
3	8.50B	5.00B	5.42	68.1	55.0	6.10	3.30	3.07	1.45	45.1	5.38	119	3
4	6.30B	17.5	6.76	36.9	52.5	4.88	2.66	2.60	1.35	49.4	5.52	273	4
5	5.10B	13.5	26.6	38.0	42.4	4.15	2.92	2.36	1.27	23.0	4.98	74.5	5
6	4.40B	10.5 B	26.6	53.4	37.5	3.62	5.19	2.59	1.21	15.9	4.57	43.5	6
7	3.85B	9.00B	20.5	56.5	67.5	6.90	16.3	2.55	1.13	11.4	77.0	66.1	7
8	3.55B	8.00B	10.8	24.7	41.9	8.43	13.5	2.47	1.06	15.0	46.0	41.1	8
9	3.35B	11.0 B	7.77	15.1	23.6	11.8	27.0	2.40	0.977	15.1	21.0	24.8	9
10	3.15B	10.0 B	5.93	21.8	23.8	12.1	12.5	2.13	2.98	9.89	12.4	16.1	10
11	6.00B	9.00B	4.62	20.8	23.6	9.26	7.74	1.98	2.90	7.26	8.45	15.5	11
12	10.0 B	12.0 B	3.84	14.4	24.2	5.97	5.06	2.05	1.94	5.40	12.0	12.4	12
13	8.00B	15.0 B	3.37	9.54	23.4	4.25	3.79	9.16	2.09	4.44	9.82	7.92	13
14	7.00B	10.0 B	3.26	7.42	27.6	3.44	58.7	13.1	5.11	3.70	7.45	6.47	14
15	6.00B	8.50B	2.73	13.8	21.5	2.86	58.5	8.73	4.41	3.14	6.26	5.29	15
16	5.10B	6.20B	3.46	11.9	15.6	2.75	34.7	7.62	3.59	2.85	5.54	50.1	16
17	4.50B	5.00B	15.0	8.49	14.2	2.35	18.6	111	2.81	9.92	5.09	54.0	17
18	4.10B	4.30B	97.7	9.47	23.2	2.20	10.8	53.8	2.29	10.4	10.7	22.0	18
19	3.75B	3.58	46.9	14.5	15.7	2.12	6.79	20.4	2.00	7.34	12.9	14.2	19
20	3.45B	3.53	27.2	10.6	10.3	1.93	4.83	10.7	37.3	15.9	11.3	10.2	20
21	3.25B	3.21	16.3	17.5	7.98	10.4	3.78	6.92	20.6	13.0	27.7	7.53	21
22	3.00B	3.00B	9.76	34.7	6.78	13.9	13.6	5.09	11.6	8.54	71.2	7.45	22
23	2.77B	3.22	7.03	17.4	7.12	24.4	8.60	3.99	7.91	6.51	28.5	6.74	23
24	2.62B	4.11	5.47	13.0	33.2	20.4	5.91	3.34	6.46	11.7	15.9	5.93	24
25	2.48B	5.13	4.44	13.6	25.6	10.8	4.03	2.93	9.54	14.3	10.7	5.60B	25
26	2.33B	5.14	3.94	14.2	19.3	44.8	3.01	2.45	8.03	9.54	8.08	5.40B	26
27	2.21B	7.92	3.56	10.0	16.7	50.3	2.39	2.21	5.84	7.93	6.04	5.15B	27
28	2.08B	11.4	3.54	11.6	14.5	19.1	98.0	2.05	4.36	31.2	6.02	4.95B	28
29	1.98B		3.17	13.8	11.0	10.3	25.1	1.87	50.1	24.2	5.06	4.75B	29
30	1.85B		3.94	149	9.15	6.69	11.2	1.77	36.8	12.8	4.29	4.55B	30
31	1.75B		16.0		10.3		6.80	1.62		8.08		4.35B	31
TOTAL	153.92	208.04	411.94	756.62	831.53	326.16	484.60	301.41	240.077	465.84	461.26	925.95	TOTAL
MEAN	4.97	7.43	13.3	25.2	26.8	10.9	15.6	9.72	8.00	15.0	15.4	29.9	MEAN
MAX	20.0	17.5	97.7	149	69.5	50.3	98.0	111	50.1	49.4	77.0	273	MAX
MIN	1.75	1.62	2.73	7.42	6.78	1.93	2.39	1.62	0.977	2.85	4.29	3.52	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.3
MAXIMUM DAILY, 273 ON DEC 4
MINIMUM DAILY, 0.977 ON SEP 9
MAXIMUM INSTANTANEOUS,
578 AT 23:49 NST ON DEC 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 36 50 N
LONG 59 00 33 W
DRAINAGE AREA, 205 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 300	JUL	41 900
FEB	18 000	AUG	26 000
MAR	35 600	SEP	20 700
APR	65 400	OCT	40 200
MAY	71 800	NOV	39 900
JUN	28 200	DEC	80 000

TOTAL DISCHARGE, 481 000 dam³

KANAIRIKTOK RIVER BELOW SNEGAMOOK LAKE - STATION NO. 03NG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	60.9B	45.0B	37.4B	33.7B	56.6E	1 190E	669	418	201	278	194	87.8B	1
2	60.3B	44.7B	37.1B	33.4B	58.0E	1 270E	641	432	197	284	189	86.4B	2
3	59.5B	44.5B	37.1B	33.4B	62.3E	1 330E	617	433	192	289	188	85.0B	3
4	58.9B	44.2B	36.5B	33.4B	68.0E	1 390E	586	431	187	304	186	83.5B	4
5	58.0B	43.9B	36.5B	33.1B	72.2E	1 440E	541	428	179	319	180	82.1B	5
6	57.5B	43.6B	36.2B	33.1B	76.5E	1 500E	510	422	170	329	167	80.7B	6
7	56.6B	43.3B	36.2B	33.4B	82.1E	1 530E	486	411	165	341	158	79.3B	7
8	56.1B	43.0B	36.0B	33.1B	87.8E	1 560E	455	395	161	355	151	77.9B	8
9	55.5B	42.8B	36.0B	33.1B	93.4E	1 590E	427	380	157	364	152	76.5B	9
10	54.9B	42.5B	36.0B	33.1B	102 E	1 590E	402	365	152	367	152	75.0B	10
11	54.4B	42.2B	35.7B	32.8B	110 E	1 570E	382	348	150	363	148	73.6B	11
12	53.8B	41.9B	35.7B	32.8B	119 E	1 560E	360	331	148	358	145	72.2B	12
13	53.2B	41.6B	35.7B	32.8B	127 E	1 530E	341	314	144	348	138	70.8B	13
14	52.7B	41.3B	35.4B	32.6B	139 E	1 490A	323	299	142	334	115	69.4B	14
15	52.1B	41.1B	35.4B	32.6B	153 E	1 410	304	286	142	324	124	68.0B	15
16	51.5B	40.8B	35.1B	32.6B	170 E	1 330	294	267	142	310	125	66.5B	16
17	51.0B	40.5B	35.1B	32.3B	187 E	1 270	286	259	142	292	119 B	65.1B	17
18	50.4B	40.2B	35.1B	32.6B	204 E	1 220	276	255	142	280	116 B	64.6B	18
19	49.8B	39.9B	34.8B	34.0B	232 E	1 150	271	247	143	271	113 B	63.7B	19
20	49.3B	39.6B	34.8B	35.4B	266 E	1 120	268	245	144	264	110 B	63.1B	20
21	48.7B	39.4B	34.5B	36.8B	297 E	1 050	258	242	159	254	108 B	62.3B	21
22	48.4B	39.1B	34.5B	38.2B	340 E	974	254	242	170	246	105 B	61.7B	22
23	48.1B	38.8B	34.5B	39.6B	396 E	884	263	239	182	240	102 B	60.9B	23
24	47.9B	38.5B	34.3B	41.1B	453 E	829	272	239	204	236	101 B	60.3B	24
25	47.6B	38.2B	34.3B	42.5B	510 E	789	297	239	229	237	99.1B	59.5B	25
26	47.0B	37.9B	34.3B	43.9B	595 E	748	330	234	251	230	97.7B	58.9B	26
27	46.4B	37.7B	34.0B	45.3B	680 E	721	352	229	264	225	96.3B	58.0B	27
28	45.9B	37.4B	34.0B	48.1B	765 E	696	365	224	267	223	94.9B	56.6B	28
29	45.6B		34.0B	51.0B	850 E	686	379	221	269	220	93.4B	55.2B	29
30	45.3B		33.7B	53.8B	963 E	679	394	217	271	213	90.6B	54.7B	30
31	45.3B		33.7B		1 050 E		408	208		202		53.8B	31
TOTAL	1 612.6	1 153.6	1 093.6	1 103.6	9 364.9	36 096	12 011	9 500	5 466	8 900	3 958.0	2 133.1	TOTAL
MEAN	52.0	41.2	35.3	36.8	302	1 200	387	306	182	287	132	68.8	MEAN
MAX	60.9	45.0	37.4	53.8	1 050	1 590	669	433	271	367	194	87.8	MAX
MIN	45.3	37.4	33.7	32.3	56.6	679	254	208	142	202	90.6	53.8	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 253
MAXIMUM DAILY, 1 590E ON JUN 9
MINIMUM DAILY, 32.3B ON APR 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 37 25 N
LONG 60 58 38 W
DRAINAGE AREA, 8 930 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	139 000	JUL	1 040 000
FEB	99 700	AUG	821 000
MAR	94 500	SEP	472 000
APR	95 400	OCT	769 000
MAY	809 000	NOV	342 000
JUN	3 120 000	DEC	184 000

TOTAL DISCHARGE, 7 990 000 dam³

LEWASEECHJEECH BROOK AT LITTLE GRAND LAKE - STATION NO. 02YK002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.5 E	4.78	12.6	6.72	75.8	10.1	12.5	13.7	---	---	---	---	1
2	18.5 E	4.56	12.3	6.59	84.0	9.23	10.4	11.3	---	---	---	---	2
3	16.5 E	4.56	11.5	11.3	98.9	8.63	9.02	9.50	---	---	---	---	3
4	14.8 E	10.2	10.5	22.2	101	8.01	8.02	8.09	---	---	---	---	4
5	13.5 E	17.4	9.84	31.4	92.5	7.33	7.20	6.95	---	---	---	---	5
6	12.0 E	19.3	10.7	46.6	83.7	6.86	6.64	6.25	---	---	---	---	6
7	11.0 E	17.9	11.8	73.3	87.7	6.61	8.09	5.26	---	---	---	---	7
8	13.1 E	15.8	11.3	79.3	83.5	11.8	9.20	4.70	---	---	---	---	8
9	16.0 E	13.9	10.4	65.4	69.5	23.0	9.26	4.40	---	---	25.5A	---	9
10	21.0 E	13.0	9.30	52.1	57.0	24.9	9.18	4.09	---	---	25.3A	---	10
11	27.0 E	12.5	8.14	46.9	47.3	21.8	8.95	3.86	---	---	---	---	11
12	30.0 E	12.8	7.10	41.0	40.8	19.3	8.38	3.79	---	---	---	---	12
13	27.5 E	24.8	6.58	32.9	36.2	16.8	7.73	8.42	---	---	---	---	13
14	25.0 E	32.9	6.14	26.5	32.0	14.2	7.58	12.3	---	---	---	---	14
15	23.4 A	31.4	5.90	23.1	28.3	12.0	9.39	12.5	---	---	---	---	15
16	19.5	26.1	5.52	20.5	25.1	9.95	13.6	11.8	---	---	---	---	16
17	16.6	21.1	5.32	16.0 A	22.6	8.81	15.8	30.0	---	---	---	---	17
18	14.0	17.0	10.4	14.0 E	21.3	7.83	15.8	77.5	---	---	---	---	18
19	12.3	14.0	22.1	12.9 E	20.1	7.01	14.3	84.3	---	---	---	---	19
20	10.8	11.6	25.8	12.0 E	18.4	6.31	11.9	69.6	---	---	---	---	20
21	9.74	10.0	24.0	21.0 E	16.6	7.22	9.83	53.5	---	---	---	---	21
22	8.66	8.95	20.3	34.0 E	14.8	17.0	8.31	40.9	---	---	---	---	22
23	7.91	8.22	16.9	39.0 E	13.3	24.2	7.01	31.1	---	---	---	---	23
24	7.13	8.04	14.1	34.5 E	12.2	29.4	6.31	24.6	---	---	---	---	24
25	6.46	8.73	11.9	30.5 E	12.4	29.4	5.57	19.3	---	---	---	---	25
26	6.13	10.3	10.2	27.5 E	12.6	26.6	4.97	15.2	---	---	---	---	26
27	5.84	11.6	8.80	24.0 E	12.4	23.4	4.99	12.0	---	---	---	---	27
28	5.58	12.5	7.70	28.3 A	12.0	20.4	10.0	9.59	---	---	---	---	28
29	5.40		6.94	30.3	11.5	17.6	18.6	7.67	---	---	---	---	29
30	5.19		6.66	48.3	11.1	14.9	18.3	6.66	---	---	---	---	30
31	4.96		6.84		10.7		16.1	5.77		---	---	---	31
TOTAL	436.00	403.94	347.58	958.11	1 265.3	450.60	312.93	614.60	---	---	---	---	TOTAL
MEAN	14.1	14.4	11.2	31.9	40.8	15.0	10.1	19.8	---	---	---	---	MEAN
MAX	30.0	32.9	25.8	79.3	101	29.4	18.6	84.3	---	---	---	---	MAX
MIN	4.96	4.56	5.32	6.59	10.7	6.31	4.97	3.79	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 37 17 N
LONG 57 55 38 W
DRAINAGE AREA, 470 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	37 700	JUL	27 000
FEB	34 900	AUG	53 100
MAR	30 000	SEP	---
APR	82 800	OCT	---
MAY	109 000	NOV	---
JUN	38 900	DEC	---

LITTLE BARACHOIS BROOK NEAR ST. GEORGE'S - STATION NO. 02ZA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.0 B	3.15B	8.97	5.47	50.1	6.28	4.77	3.69	2.78	9.59	11.0	6.31	1
2	12.0 B	4.00B	8.54	5.33	45.2	5.65	4.28	3.29	2.56	8.99	9.48	5.84	2
3	10.1 B	6.50B	8.24	16.0	53.2	4.99	3.80	3.02	2.42	8.10	9.21	8.02	3
4	9.00B	12.0 B	7.42	23.1	53.4	4.47	3.40	2.76	2.35	7.99	9.34	20.7	4
5	7.70B	10.8 B	7.99	30.4	44.0	4.13	3.27	2.62	2.26	9.75	8.99	24.9	5
6	7.00B	9.70B	10.2	51.3	34.7	3.72	3.23	2.51	2.12	11.8	8.23	29.4	6
7	6.10B	8.80B	10.9	71.7	33.4	4.02	6.34	2.35	1.97	11.7	13.4	24.9	7
8	7.30B	8.00B	9.41	49.5	30.3	11.8	7.19	2.15	1.85	14.1	23.8	21.2	8
9	9.10B	7.40B	8.22	29.8	22.9	21.4	7.56	2.06	1.75	14.0	21.0	21.4	9
10	12.0 B	10.5 B	7.22	23.1	17.3	16.1	7.38	1.99	1.64	11.6	16.1	21.1	10
11	14.2 B	15.0 B	6.34	23.7	13.6	11.7	6.49	2.00	1.64	9.53	12.7	19.1	11
12	15.0 B	18.5 B	5.68	19.9	11.8	9.02	5.58	2.09	1.58	7.87	12.0	18.4	12
13	12.9 B	20.0 B	5.08	15.0	11.0	7.31	4.73	6.25	1.67	6.58	12.2	15.5	13
14	11.4 B	17.0 B	4.72	12.0	9.80	5.94	4.44	7.58	1.77	5.65	11.1	12.3	14
15	9.90B	14.5 B	4.70	11.5	9.18	5.29	5.55	7.16	1.76	4.94	9.67	10.3	15
16	8.90B	12.8 B	4.20	11.6	8.53	4.78	5.65	5.86	1.76	4.49	8.70	13.1	16
17	8.00B	11.2 B	4.60	10.6	7.78	4.54	5.93	18.0	1.77	8.28	8.11	30.8	17
18	7.30B	10.0 B	28.1	10.5	7.47	4.63	5.42	43.4	1.71	15.4	9.34	29.7	18
19	6.70B	9.00B	34.8	9.25	7.28	4.32	4.57	38.7	1.68	14.0	12.5	21.1	19
20	6.25B	8.30B	25.9	8.92	7.07	3.80	3.93	27.2	1.85	11.7	15.9	15.4	20
21	5.80B	7.60B	18.3	13.4	6.37	4.63	3.40	17.7	2.11	10.3	15.1	11.7	21
22	5.40B	7.10B	13.1	26.2	5.69	12.5	3.21	12.6	2.61	9.01	14.8	10.0	22
23	5.00B	6.61	10.3	33.0	5.23	12.7	2.90	9.39	3.24	7.71	19.2	9.49	23
24	4.70B	6.85	8.62	25.1	5.47	10.8	2.76	7.51	3.60	6.78	18.3	8.90B	24
25	4.45B	7.74	7.44	19.6	6.55	9.61	2.54	6.11	4.14	7.67	14.8	8.40B	25
26	4.15B	8.29	6.44	15.8	8.02	9.05	2.37	5.03	4.12	7.88	12.0	8.10B	26
27	3.95B	9.10	5.81	14.4	8.44	8.71	2.20	4.38	4.07	7.47	10.0	7.70B	27
28	3.72B	9.50	5.31	15.2	7.80	7.69	3.66	4.05	4.01	10.2	8.85	7.45B	28
29	3.52B		5.09	15.5	7.43	6.50	4.22	3.48	4.28	22.6	7.97	7.10B	29
30	3.34B		5.02	34.3	7.05	5.57	4.23	3.20	7.94	19.6	7.12	6.90B	30
31	3.25B		5.53		6.68		3.98	2.96		14.4		6.70B	31
TOTAL	242.13	279.94	302.19	651.17	552.74	231.65	138.98	261.09	79.01	319.68	370.91	461.91	TOTAL
MEAN	7.81	10.0	9.75	21.7	17.8	7.72	4.48	8.42	2.63	10.3	12.4	14.9	MEAN
MAX	15.0	20.0	34.8	71.7	53.4	21.4	7.56	43.4	7.94	22.6	23.8	30.8	MAX
MIN	3.25	3.15	4.20	5.33	5.23	3.72	2.20	1.99	1.58	4.49	7.12	5.84	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.7
MAXIMUM DAILY, 71.7 ON APR 7
MINIMUM DAILY, 1.58 ON SEP 12
MAXIMUM INSTANTANEOUS,
75.7 AT 10:37 NST ON APR 7

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 26 44 N
LONG 58 23 55 W
DRAINAGE AREA, 343 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	20 900	JUL	12 000
FEB	24 200	AUG	22 600
MAR	26 100	SEP	6 830
APR	56 300	OCT	27 600
MAY	47 800	NOV	32 000
JUN	20 000	DEC	39 900

TOTAL DISCHARGE, 336 000 dam³

NEWFOUNDLAND AND LABRADOR

LITTLE MECATINA RIVER ABOVE LAC FOURMONT - STATION NO. 02XA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	765E	274	185	55.5	97.8	137	43.9B	1
2	---	---	---	---	---	793E	249	185	53.3	116	131	43.3B	2
3	---	---	---	---	---	821E	220	182	50.9	127	115	42.5B	3
4	---	---	---	---	---	765E	191	191	50.6	147	101	41.9B	4
5	---	---	---	---	---	736E	168	196	49.0	164	85.8	41.1B	5
6	---	---	---	---	---	651E	151	193	48.4	173	90.8	40.5B	6
7	---	---	---	---	---	595E	137	179	48.3	176	94.8	39.6B	7
8	---	---	---	---	---	538E	120	165	48.8	170	94.7	38.5B	8
9	---	---	---	---	---	552E	108	148	48.3	159	93.2	37.7B	9
10	---	---	---	---	---	566E	101	133	47.3	148	87.3	36.8B	10
11	---	---	---	---	---	580E	94.4	118	46.8	136	81.8	36.2B	11
12	---	---	---	---	---	575A	91.2	108	45.8	125	83.4	35.7B	12
13	---	---	---	---	---	502	86.9	102	44.6	114	76.5	35.1B	13
14	---	---	---	---	---	436	82.4	94.4	44.1	105	69.4	34.5B	14
15	---	---	---	---	---	391	78.3	91.3	43.9	98.2	76.7	34.0B	15
16	---	---	---	---	---	356	86.9	91.1	43.5	92.3	78.8	33.4B	16
17	---	---	---	---	---	317	101	93.6	44.4	89.2	76.1	32.8B	17
18	---	---	---	---	---	292	115	95.0	45.9	86.5	71.0	32.3B	18
19	---	---	---	---	---	269	132	95.7	46.9	84.8	63.9	31.7B	19
20	---	---	---	---	---	250	141	93.2	51.5	89.7	59.8	31.4B	20
21	---	---	37.1B	---	---	228	136	85.1	63.3	100	56.6B	31.1B	21
22	---	---	---	---	---	209	142	80.4	73.8	112	55.2B	30.6B	22
23	---	---	---	---	---	198	156	75.5	83.8	114	53.8B	30.0B	23
24	---	---	---	---	---	196	149	70.7	91.9	135	52.4B	29.4B	24
25	---	---	---	---	---	196	139	67.5	96.1	207	51.0B	29.2B	25
26	---	---	---	---	---	197	127	64.2	93.5	234	49.6B	28.9B	26
27	---	---	---	---	---	229	117	62.2	86.4	218	48.1B	28.6B	27
28	---	---	---	---	---	269	118	61.4	79.6	207	47.6B	28.3B	28
29	---		---	---	---	283	139	60.2	76.0	192	46.7B	28.0B	29
30	---		---	---	---	286	166	58.2	84.1	173	45.3B	27.8B	30
31	---		---		---		179	56.8		153		27.5B	31
TOTAL	---	---	---	---	---	13 041	4 296.1	3 481.5	1 786.3	4 343.5	2 275.3	1 062.3	TOTAL
MEAN	---	---	---	---	---	435	139	112	59.5	140	75.8	34.3	MEAN
MAX	---	---	---	---	---	821	274	196	96.1	234	137	43.9	MAX
MIN	---	---	---	---	---	196	78.3	56.8	43.5	84.8	45.3	27.5	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 13 42 N
LONG 61 19 21 W
DRAINAGE AREA, 4 540 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	371 000
FEB	---	AUG	301 000
MAR	---	SEP	154 000
APR	---	OCT	375 000
MAY	---	NOV	197 000
JUN	1 130 000	DEC	91 800

LLOYDS RIVER BELOW KING GEORGE IV LAKE - STATION NO. 02YN002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	25.5 E	6.95E	11.0	9.23	111	28.1	15.5 E	6.98	5.96	16.5 E	26.5E	15.3	1
2	22.5 E	6.60E	11.2	8.85	131	27.8	13.8 E	6.66	5.40	19.5 E	23.5E	13.5	2
3	20.0 E	8.80E	11.4	22.8	129	24.8	12.4 E	6.18	4.88	16.5 E	20.5E	12.9	3
4	18.0 E	14.0 E	11.2	52.7	115	21.5	11.5 E	5.73	4.44	14.8 E	18.2E	31.4	4
5	16.6 E	22.0 E	11.5	63.3	106	19.1	10.5 E	5.18	4.00	13.0 E	16.5E	70.0	5
6	15.5 E	28.0 E	13.1	74.3	110	16.7	9.70E	5.10	3.42	11.7 E	15.0E	90.4	6
7	15.0 E	27.0 E	14.1	92.5	90.8	14.8	9.40E	4.87	3.01	10.5 E	22.5E	88.0	7
8	18.0 E	25.5 E	13.8	92.3	69.4	12.8	10.5 E	4.76	2.80	9.50E	37.0E	76.8	8
9	23.0 E	23.8 E	13.1	74.1	56.5	11.1	12.6 A	4.77	2.64	8.80E	55.0E	72.5	9
10	30.0 E	22.5 E	12.0	57.9	50.2	9.92	15.8	4.61	2.44	8.10E	66.6A	66.1	10
11	40.0 E	22.4 A	11.0	55.2	45.0	10.3	16.0	4.35	2.26	7.50E	51.8	59.1	11
12	50.0 E	24.2	10.2	50.1	39.4	11.3	15.0	4.28	2.16	7.10E	41.2	53.0	12
13	46.0 E	25.4	9.28	40.9	32.9	11.4	13.7	5.81	2.16	6.70E	34.2	42.8	13
14	40.0 E	58.9	8.60	32.0	28.4	11.4	13.2	7.07	2.23	6.30E	28.5	32.9	14
15	35.4 A	53.3	8.30B	28.4	26.3	11.1	20.8	7.49	2.13	20.0 E	23.8	27.1	15
16	29.4 A	42.4	7.81	26.6	23.1	10.2	28.0	7.59	2.06	27.0 E	20.3	26.7	16
17	25.0 E	33.2	7.63	24.3	19.9	9.17	28.8	18.5	2.10	25.5 E	17.7	55.5	17
18	21.5 E	25.5	16.1	20.9	16.5	7.99	26.4	74.3	2.10	23.5 E	17.5	63.0	18
19	19.5 E	20.4	39.8	18.4	16.7	7.52	22.4	85.1	2.04	21.0 E	27.2	53.7	19
20	17.2 E	16.8	46.5	17.5	34.9	6.93	18.9	69.9	3.45	19.0 E	38.7	43.8	20
21	15.5 E	14.2	41.1	22.0	51.3	6.30	15.7	52.5	4.94	17.0 E	40.3	34.6	21
22	14.0 E	12.5	33.8	38.9	46.5	7.33	13.5	39.4	5.66	15.5 E	45.6	28.4	22
23	12.8 E	11.4	26.7	53.0	41.2	10.8	11.4	29.9	5.97	14.4 E	57.7	23.5	23
24	11.6 E	10.7	21.2	51.6	34.9	23.3	9.78	22.7	6.01	13.5 E	56.7	19.2	24
25	10.8 E	10.4	17.5	43.9	29.5	31.2 A	8.53	17.4	6.52	17.0 E	47.4	16.2	25
26	9.90E	10.4	15.0	37.3	27.0	29.5 E	7.60	14.2	6.78	18.0 E	37.1	14.7	26
27	9.20E	10.6	12.7	33.6	23.9	26.2 E	6.61	11.9	6.96	16.5 E	30.6	12.9	27
28	8.60E	11.0	11.1	32.6	20.8	23.5 E	6.71	9.87	6.99	30.0 E	25.6	12.2 B	28
29	8.10E		10.1	37.9	17.6	20.5 E	7.19	8.65	7.81	42.0 E	21.6	10.9 B	29
30	7.70E		9.37	81.9	15.7	18.0 E	7.24	7.50	11.2 A	36.0 E	18.0	10.0 B	30
31	7.25E		9.36		22.5		7.23	6.58		32.0 E		9.00B	31
TOTAL	643.55	618.85	495.55	1 294.98	1 582.9	480.56	426.39	559.83	130.52	544.40	982.8	1 186.10	TOTAL
MEAN	20.8	22.1	16.0	43.2	51.1	16.0	13.8	18.1	4.35	17.6	32.8	38.3	MEAN
MAX	50.0	58.9	46.5	92.5	131	31.2	28.8	85.1	11.2	42.0	66.6	90.4	MAX
MIN	7.25	6.60	7.63	8.85	15.7	6.30	6.61	4.28	2.04	6.30	15.0	9.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 24.5
MAXIMUM DAILY, 131 ON MAY 2
MINIMUM DAILY, 2.04 ON SEP 19
MAXIMUM INSTANTANEOUS,
133 AT 12:00 NST ON MAY 3

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 14 32 N
LONG 57 49 41 W
DRAINAGE AREA, 469 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	55 600	JUL	36 800
FEB	53 500	AUG	48 400
MAR	42 800	SEP	11 300
APR	112 000	OCT	47 000
MAY	137 000	NOV	84 900
JUN	41 500	DEC	102 000

TOTAL DISCHARGE, 773 000 dam³

MIDDLE BROOK NEAR GAMBO - STATION NO. 02YR001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.28	5.60B	9.62	9.69	9.58	4.81	3.23A	1.96	2.00E	3.45E	10.2	12.3	1
2	7.91	5.40B	10.3	9.21	11.4	4.62	3.08E	1.86	1.94E	4.19A	9.89	11.4	2
3	8.14	5.36B	10.6	10.1	16.0	4.27	2.95E	1.78	1.80E	4.29	9.53	10.5	3
4	8.50B	5.80B	11.4	11.7	23.2	4.00	2.80E	1.74	1.65E	4.85	8.99	9.80	4
5	8.70B	6.20B	13.8	13.1	27.1	3.93	2.70E	1.70	1.56E	5.70	8.43	9.29	5
6	8.60B	6.60B	16.8	14.5	27.6	3.67	2.64E	1.61	1.48E	5.84	7.94	9.31	6
7	8.21	6.45B	19.7	16.9	25.4	3.64	2.54E	1.74	1.40E	5.96	7.61	10.6	7
8	7.92	6.20B	20.6	18.0	23.2	5.67	2.48E	1.98	1.35E	6.61	7.61	10.9	8
9	8.10	7.73	20.0	18.0	20.0	5.75	2.40E	1.95	1.30E	7.36	7.28	11.3	9
10	8.91	8.47	18.4	17.4	17.9	5.53	2.65E	1.86	1.27E	7.84	6.86	11.6	10
11	8.21	8.95	16.6	16.5	15.9	5.35	2.55E	1.91	1.45E	8.92	6.67	11.7	11
12	8.82	9.82	15.0	15.5	14.1	5.28	2.42E	1.96	1.65E	9.51	7.44	11.8	12
13	9.64	11.0	13.5	14.6	12.9	4.95	2.25E	2.07	1.80E	9.54	7.55	11.7	13
14	10.5	10.4 B	12.4	13.4	11.7	4.80	2.05E	2.46	1.93E	9.59	7.35	11.1	14
15	10.8	10.1 B	11.8	12.7	11.0	4.76	3.00E	2.39	1.82E	9.59	7.23	10.4	15
16	11.1	9.70B	11.4	12.3 A	10.2	4.51	4.35E	2.30	1.73E	9.55	7.11	10.8	16
17	10.7	9.30B	10.7	11.0	9.33	4.25	4.15E	2.16	1.68E	12.2	7.13	13.0	17
18	10.0 B	9.00E	11.8	10.5	8.76	4.31	3.90E	2.58	1.60E	24.3	7.30	13.8	18
19	9.70B	8.70E	13.7	10.1	8.30	4.27	3.70E	2.80	1.55E	28.0	8.47	13.9	19
20	9.30B	8.40E	13.5	9.56	7.65	4.00	3.56A	2.82	1.90E	27.9	9.77	13.7	20
21	8.80B	8.15E	13.0	9.00	7.22	3.90	3.36	2.71	2.70E	26.1	10.6	13.4	21
22	8.55	7.95E	12.7	9.34	6.79	4.18	3.21	2.64	2.35A	23.0	12.1	12.7	22
23	8.27	7.70E	12.2	10.1	6.31	4.12	3.09	2.53	2.25E	19.5	12.5	12.0	23
24	7.84	7.45E	11.6	10.6	6.03	4.04	2.86	2.50	2.10E	17.3	12.5	11.1	24
25	7.41	7.05A	10.9	10.8	5.98	3.62	2.68	2.74A	2.00E	16.0	12.0	10.2	25
26	7.07	7.03	10.3	10.9	5.57	3.49	2.51	2.60E	2.80E	14.2	12.0	9.00B	26
27	6.82	6.96	9.75	10.7	5.29	3.50	2.32	2.45E	3.40E	12.8	13.9	8.50B	27
28	6.50B	7.75	9.29	10.4	4.87	3.39	2.24	2.32E	3.90E	12.3	14.2	7.70B	28
29	6.30B		8.91	10.1	5.02	3.26	2.34	2.20E	4.19E	12.3	13.7	7.40B	29
30	6.05B		8.74	9.66	5.03	3.24	2.08	2.10E	3.60E	11.5	12.9	7.20B	30
31	5.90B		9.05		4.91		2.00	2.02E		10.7		7.00B	31
TOTAL	260.55	219.22	398.06	366.36	374.24	129.11	88.09	68.44	62.15	380.89	286.76	335.10	TOTAL
MEAN	8.40	7.83	12.8	12.2	12.1	4.30	2.84	2.21	2.07	12.3	9.56	10.8	MEAN
MAX	11.1	11.0	20.6	18.0	27.6	5.75	4.35	2.82	4.19	28.0	14.2	13.9	MAX
MIN	5.90	5.36	8.74	9.00	4.87	3.24	2.00	1.61	1.27	3.45	6.67	7.00	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.13
MAXIMUM DAILY, 28.0 ON OCT 19
MINIMUM DAILY, 1.27E ON SEP 10
MAXIMUM INSTANTANEOUS,
28.4 AT 17:12 NST ON OCT 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 48 28 N
LONG 54 13 28 W
DRAINAGE AREA, 267 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	22 500	JUL	7 610
FEB	18 900	AUG	5 910
MAR	34 400	SEP	5 370
APR	31 700	OCT	32 900
MAY	32 300	NOV	24 800
JUN	11 200	DEC	29 000

TOTAL DISCHARGE, 257 000 dam³

MINIPI RIVER BELOW MINIPI LAKE - STATION NO. 03OE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	29.7B	21.5B	17.4B	15.2B	25.8B	340	166	73.6	44.0	37.8	97.8	45.9B	1
2	29.2B	21.2B	17.3B	15.2B	27.2B	344	163	73.7	43.2	37.9	98.0	45.3B	2
3	28.9B	21.0B	17.1B	15.1B	29.2B	350	156	78.3	41.5	40.2	91.7	44.7B	3
4	28.6B	20.7B	17.0B	15.1B	32.9	364	146	78.5	40.5	44.8	85.1	43.3B	4
5	28.3B	20.4B	16.8B	15.1B	35.6	368	147	78.5	39.4	46.5	88.4	42.5B	5
6	27.8B	20.2B	16.7B	15.1B	39.7	362	144	78.4	38.8	46.7	94.3	41.9B	6
7	27.2B	20.1B	16.7B	15.0B	45.2	366	130	78.2	38.7	48.0	92.7	41.1B	7
8	26.9B	20.0B	16.6B	15.0B	49.1	382	123	75.0	38.0	50.3	93.0	40.2B	8
9	26.6B	19.8B	16.6B	14.9B	53.8	396	117	72.9	38.0	50.0	92.4	39.6B	9
10	26.3B	19.8B	16.4B	14.8B	62.2	391	112	72.3	37.1	49.5	88.9	39.1B	10
11	26.1B	19.7B	16.4B	14.8B	70.5	386	110	70.5	33.0	49.9	87.6	38.2B	11
12	25.8B	19.5B	16.3B	14.7B	79.0	378	105	69.0	31.5	50.2	83.8	37.4B	12
13	25.5B	19.3B	16.1B	14.7B	89.1	368	99.9	67.0	31.2	50.4	81.2	36.8B	13
14	25.2B	19.1B	16.1B	14.6B	99.4	350	95.2	62.4	29.9	51.0	78.3	36.2B	14
15	24.9B	19.0B	16.0B	14.6B	109	330	91.3	61.1	29.0	50.7	76.8	35.4B	15
16	24.6B	19.0B	16.0B	14.5B	119	319	90.3	62.8	28.9	51.4	74.3	34.5B	16
17	24.4B	18.8B	15.9B	14.4B	135	305	88.3	62.8	28.4	50.4	72.2	34.0B	17
18	24.1B	18.5B	15.9B	14.4B	156	280	86.0	61.3	27.9	51.0	69.7	33.4B	18
19	23.8B	18.4B	15.7B	14.3B	175	267	82.8	59.3	27.4	53.7	66.4	32.8B	19
20	23.6B	18.4B	15.7B	14.3B	188	247	79.7	57.7	29.4	51.4	64.3	32.3B	20
21	23.5B	18.3B	15.6B	14.2B	200	237	77.6	56.1	29.3	53.7	62.4	31.7B	21
22	23.4B	18.1B	15.6B	14.7B	212	224	80.0	53.3	28.0	52.1	62.3	31.1B	22
23	23.2B	18.0B	15.5B	15.0B	225	220	72.4	51.4	30.2	52.9	60.7	30.6B	23
24	23.1B	17.8B	15.4B	15.6B	237	206	74.5	50.1	30.6	62.0	58.4	30.0B	24
25	22.9B	17.8B	15.4B	16.1B	249	197	73.0	48.7	30.7	73.4	56.0	29.4B	25
26	22.7B	17.7B	15.4B	17.6B	260	192	72.5	47.4	25.8	80.5	54.2	29.2B	26
27	22.5B	17.6B	15.4B	18.7B	269	189	72.7	47.3	26.2	83.1	52.2	28.9B	27
28	22.4B	17.6B	15.3B	20.1B	278	183	71.7	46.0	30.4	85.9	50.7	28.6B	28
29	22.2B		15.3B	21.8B	297	180	73.8	44.3	32.3	87.1	49.3	28.3B	29
30	22.1B		15.2B	23.5B	317	175	73.7	45.0	37.0	89.3	49.1	28.0B	30
31	21.8B		15.2B		334		73.5	44.8		92.8		27.8B	31
TOTAL	777.3	537.3	498.0	473.1	4 498.7	8 856	3 147.9	1 927.7	996.3	1 774.6	2 232.2	1 098.2	TOTAL
MEAN	25.1	19.2	16.1	15.8	145	297	102	62.2	33.2	57.2	74.4	35.4	MEAN
MAX	29.7	21.5	17.4	23.5	334	396	166	78.5	44.0	92.8	98.0	45.9	MAX
MIN	21.8	17.6	15.2	14.2	25.8	175	71.7	44.3	25.8	37.8	49.1	27.8	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 73.6
MAXIMUM DAILY, 396 ON JUN 9
MINIMUM DAILY, 14.2B ON APR 21
MAXIMUM INSTANTANEOUS,
399 AT 04:32 AST ON JUN 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 36 53 N
LONG 61 11 11 W
DRAINAGE AREA, 2 330 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	67 200	JUL	272 000
FEB	46 400	AUG	167 000
MAR	43 000	SEP	86 100
APR	40 900	OCT	153 000
MAY	389 000	NOV	193 000
JUN	769 000	DEC	94 900

TOTAL DISCHARGE, 2 320 000 dam³

NEWFOUNDLAND AND LABRADOR

MOBILE RIVER AT MOBILE FIRST POND - STATION NO. 02ZM003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.7	10.7	10.7	10.7	7.11	0	5.35	5.78	3.57	6.23	6.46	8.44	1
2	10.7	7.11	9.12	5.55	6.68	0.889	3.99	5.78	3.11	6.23	7.11	8.89	2
3	8.01	8.01	10.0	9.80	6.23	0	5.78	4.90	0	5.78	7.11	8.89	3
4	10.7	10.2	8.44	8.01	5.78	0	2.22	4.67	3.11	7.56	7.11	8.44	4
5	8.01	7.11	7.33	8.44	4.45	1.57	7.11	4.33	0	8.01	7.33	8.10	5
6	8.47	8.01	6.00	7.56	0	0	6.23	4.76	0	8.44	8.44	6.99	6
7	8.47	10.7	10.7	10.0	0	0	5.55	5.35	3.99	7.79	8.01	8.89	7
8	11.0	8.01	8.44	4.45	1.33	0	4.45	4.90	2.22	6.88	11.7	8.89	8
9	10.7	10.5	3.82	6.68	0	2.22	7.73	4.45	0	10.2	10.9	10.7	9
10	9.80	11.4	0	7.11	0	2.67	10.2	6.23	2.67	7.93	8.89	8.01	10
11	7.56	10.7	0	8.01	1.33	4.19	7.56	6.23	2.67	9.80	7.56	8.89	11
12	12.1	10.7	0	7.11	0	2.00	5.35	5.78	2.67	7.11	7.56	8.44	12
13	10.7	8.01	3.20	5.78	1.78	3.45	6.23	2.67	3.99	8.01	8.01	8.01	13
14	10.7	10.7	10.0	7.11	0	4.22	6.51	3.57	3.11	7.11	7.11	8.01	14
15	10.7	8.01	10.7	7.56	0	6.46	7.11	3.57	1.78	7.11	7.11	8.01	15
16	10.7	10.2	8.44	7.56	2.22	6.00	7.56	5.35	2.67	7.11	7.28	8.01	16
17	10.7	7.11	8.44	7.56	0	6.88	7.56	3.99	2.22	7.73	8.01	9.34	17
18	8.01	7.11	8.01	8.44	0	5.64	5.78	7.56	1.78	11.6	10.7	10.7	18
19	10.7	7.11	10.7	7.11	0	6.23	5.78	9.80	3.11	10.7	10.7	8.44	19
20	10.7	7.11	10.7	7.11	0	5.66	5.35	5.35	3.99	8.89	9.34	8.01	20
21	10.7	8.01	7.56	6.68	1.31	4.90	5.35	3.99	3.11	8.44	8.44	6.88	21
22	8.16	8.01	9.94	7.11	0	6.23	5.55	5.35	2.22	8.01	8.44	7.33	22
23	7.56	8.01	9.94	7.11	0	6.68	4.45	5.78	3.11	8.44	10.7	10.0	23
24	8.47	8.01	6.82	7.11	0	6.23	2.72	3.99	6.46	8.01	8.44	6.00	24
25	8.47	7.79	6.99	7.11	1.33	5.66	4.90	5.35	10.7	7.11	6.34	8.44	25
26	8.47	7.56	6.68	10.2	0	4.67	6.23	3.57	10.7	7.33	8.16	6.80	26
27	9.80	5.10	6.34	5.47	0	5.32	4.45	3.99	7.56	8.01	11.4	1.19	27
28	7.33	10.7	7.11	7.56	0	5.78	4.45	5.35	3.11	8.24	10.7	8.64	28
29	8.30		7.11	6.68	0	5.78	5.78	4.90	3.20	10.7	10.7	8.01	29
30	6.91		3.26	6.68	0.889	5.78	3.99	3.99	6.23	8.13	8.44	7.11	30
31	10.7		3.34		0		4.45	3.57		6.34		8.24	31
TOTAL	295.00	241.70	219.83	223.36	40.439	115.109	175.72	154.85	103.06	248.98	258.20	250.74	TOTAL
MEAN	9.52	8.63	7.09	7.45	1.30	3.84	5.67	5.00	3.44	8.03	8.61	8.09	MEAN
MAX	12.1	11.4	10.7	10.7	7.11	6.88	10.2	9.80	10.7	11.6	11.7	10.7	MAX
MIN	6.91	5.10	0	4.45	0	0	2.22	2.67	0	5.78	6.34	1.19	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.38
MAXIMUM DAILY, 12.1 ON JAN 12
MINIMUM DAILY, 0 ON MAR 10

DATA CONTRIBUTED BY -
NEWFOUNDLAND LIGHT AND POWER COMPANY LIMITED

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 47 14 58 N
LONG 52 53 20 W
DRAINAGE AREA, 112 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	25 500	JUL	15 200
FEB	20 900	AUG	13 400
MAR	19 000	SEP	8 900
APR	19 300	OCT	21 500
MAY	3 490	NOV	22 300
JUN	9 950	DEC	21 700

TOTAL DISCHARGE, 201 000 dam³

NASKAUPI RIVER BELOW NASKAUPI LAKE - STATION NO. 03PB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	36.0B	29.2B	26.4B	24.4B	45.3B	530E	346	---	85.0E	106	89.7	42.5B	1
2	35.7B	29.2B	26.3B	24.4B	48.1B	538E	337	---	82.1E	112	89.2	41.9B	2
3	35.4B	28.9B	26.2B	24.2B	52.4B	544E	319	---	79.3E	117	89.2	41.1B	3
4	35.1B	28.9B	26.2B	24.2B	56.6B	552E	309	---	76.5E	130	90.8	40.5B	4
5	34.8B	28.9B	26.1B	24.1B	62.3B	555E	285	---	73.6E	143	84.6	39.6B	5
6	34.5B	28.6B	26.1B	24.1B	68.0E	558E	260	---	70.8E	150	78.7	39.1B	6
7	34.3B	28.6B	26.0B	23.9B	73.6E	561E	246	---	68.0E	157	76.6	38.2B	7
8	34.0B	28.6B	25.9B	23.8B	79.3E	564E	229	---	65.1E	161	76.4	37.7B	8
9	33.7B	28.3B	25.8B	23.6B	85.0E	561E	212	---	63.7E	166	74.3	37.1B	9
10	33.4B	28.3B	25.6B	23.6B	93.4E	555A	194	---	62.3E	167	72.9	36.8B	10
11	33.1B	28.2B	25.6B	23.5B	102 E	550	179	---	62.3E	166	72.5	36.2B	11
12	32.8B	28.2B	25.5B	23.5B	113 E	544	167	---	61.4A	162	69.6	35.7B	12
13	32.6B	28.0B	25.4B	23.4B	130 E	528	157	---	58.6	158	67.6	35.1B	13
14	32.6B	27.9B	25.3B	23.4B	147 E	508	148	---	57.2	151	60.8	34.5B	14
15	32.3B	27.8B	25.3B	23.2B	164 E	490	141	---	56.1	146	60.2	34.0B	15
16	32.3B	27.6B	25.2B	23.2B	187 E	467	142	---	56.6	143	59.8	33.4B	16
17	32.0B	27.5B	25.2B	23.1B	210 E	447	144	---	56.6	135	56.6B	32.8B	17
18	32.0B	27.3B	25.2B	23.1B	232 E	431	139	---	55.1	126	56.1B	32.6B	18
19	31.7B	27.2B	25.1B	23.8B	255 E	405	137	---	54.7	121	54.7B	32.3B	19
20	31.7B	27.0B	25.1B	24.6B	278 E	388	136	---	56.5	124	53.8B	31.7B	20
21	31.4B	27.0B	25.1B	25.8B	292 E	367	131	---	65.9	124	52.4B	31.4B	21
22	31.4B	26.9B	25.1B	26.9B	320 E	341	136	---	74.8	122	51.0B	31.1B	22
23	31.1B	26.8B	25.0B	28.0B	340 E	322	141	---	77.5	119	50.4B	30.9B	23
24	31.1B	26.8B	24.9B	29.2B	368 E	319	142	---	82.7	118	49.6B	30.6B	24
25	30.9B	26.7B	24.9B	30.9B	411 E	320	144A	---	87.9	120	48.1B	30.3B	25
26	30.6B	26.6B	24.8B	32.0B	439 E	317	147E	---	94.3	115	46.7B	30.0B	26
27	30.3B	26.6B	24.8B	34.0B	467 E	322	164E	---	93.6	114	46.2B	29.7B	27
28	30.0B	26.5B	24.6B	36.2B	481 E	329	177E	---	92.0	114	45.3B	29.4B	28
29	29.7B		24.6B	39.1B	496 E	333	176E	---	94.7	111	43.9B	29.2B	29
30	29.4B		24.5B	41.9B	510 E	338	184E	---	103	106	43.3B	28.9B	30
31	29.4B		24.5B		524 E		187E	---		97.4		28.6B	31
TOTAL	1 005.3	778.1	786.3	799.1	7 130.0	13 584	5 949	---	2 167.9	4 101.4	1 911.0	1 062.9	TOTAL
MEAN	32.4	27.8	25.4	26.6	230	453	192	---	72.3	132	63.7	34.3	MEAN
MAX	36.0	29.2	26.4	41.9	524	564	346	---	103	167	90.8	42.5	MAX
MIN	29.4	26.5	24.5	23.1	45.3	317	131	---	54.7	97.4	43.3	28.6	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 07 54 N
LONG 61 25 45 W
DRAINAGE AREA, 4 480 km²
A - MANUAL GAUGE
B - *ICE CONDITIONS*
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	86 900	JUL	514 000
FEB	67 200	AUG	---
MAR	67 900	SEP	187 000
APR	69 000	OCT	354 000
MAY	*616 000*	*NOV*	*165 000*
JUN	1 170 000	DEC	91 800

NORTHEAST BROOK NEAR RODDICKTON - STATION NO. 02YD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.80B	2.10B	4.60B	3.10	18.2	4.67	4.52	1.14	2.59	6.63	3.50	3.92	1
2	3.68B	2.30B	5.00B	2.29	21.9	4.18	4.11	1.11	2.38	6.54	3.41	3.80B	2
3	3.60B	2.52B	5.34	2.29	25.4	3.88	3.72	1.18	2.26	6.51	3.27	3.68	3
4	3.50B	2.75B	6.14	2.42	24.9	3.74	3.48	1.34	2.17	7.32	3.07	3.90	4
5	3.38B	2.68B	8.07	2.43	23.5	3.60	3.25	1.89	2.02	9.41	2.87	4.60	5
6	3.30B	2.62B	10.1	2.77	22.0	3.37	2.90	2.02	1.93	11.0	2.74	5.80	6
7	3.22B	2.53B	10.2	3.12	25.0	3.13	2.84	2.02	1.77	11.9	2.81	10.7	7
8	3.16B	2.45B	9.73	3.47	32.8	5.02	2.84	2.13	1.66	13.5	2.99	16.0	8
9	3.05B	2.40B	9.12	3.65	35.6	7.28	2.74	2.18	1.56	21.0	2.95A	18.8	9
10	3.00B	2.35B	8.32	4.66	33.9	9.05	2.45	2.22	1.43	24.2	2.88E	20.3	10
11	2.93B	3.35B	7.74	6.06	31.5	9.82	2.30	2.21	1.39	24.5	2.83E	23.0	11
12	2.87B	4.60B	7.05	6.66	29.6	9.84	2.13	2.22	1.30	22.2	2.91E	23.5	12
13	2.81B	6.00B	6.38	6.75	26.2	9.56	1.99	2.22	1.23	19.7	3.20E	22.0	13
14	2.78B	7.80B	5.94	6.58	22.9	9.22	1.98	2.12	1.22	16.8	3.13E	19.9	14
15	2.72B	7.50B	5.77	6.52	20.3	8.83	1.99	2.03	1.15	14.7	2.95E	17.9	15
16	2.70B	7.05B	5.45	6.50	17.9	8.90	2.07	1.94	1.10	12.9	2.80E	15.8	16
17	2.63B	6.75B	5.05	6.30	16.1	8.65	2.07	1.96	1.03	11.3	2.70E	14.3	17
18	2.60B	6.50B	4.75	5.98	14.8	8.46	2.04	2.25	0.961	9.91	2.61A	12.8	18
19	2.56B	6.20B	4.63	5.81	13.7	8.04	2.08	2.88	0.865	8.77	2.93	11.5	19
20	2.50B	5.90B	4.57	5.92	12.5	7.39	2.15	3.54	0.877	7.92	2.87	10.4	20
21	2.48B	5.65B	4.25	6.74	11.2	7.02	2.16	3.57	0.792	7.20	2.68	9.43	21
22	2.42B	5.45B	4.03	9.71	9.98	6.81	2.06	3.74	0.788	6.54	3.06	8.49	22
23	2.38B	5.25B	3.87	14.6	8.98	6.42	2.03	3.67	0.786	6.20	3.33	7.97	23
24	2.32B	5.05B	3.66	16.1	8.20	6.40	1.90	3.78	0.755	5.66	3.51	7.30B	24
25	2.30B	4.85B	3.41	16.3	7.55	6.20	1.79	3.69	0.819	5.38	3.62	6.90B	25
26	2.27B	4.65B	3.28	15.7	6.73	6.05	1.60	3.48	1.11	5.07	3.75	6.45B	26
27	2.23B	4.50B	3.14	14.9	6.29	5.90	1.45	3.33	2.67	4.79	4.23	5.05B	27
28	2.20B	4.35B	3.04	14.6	5.85	5.58	1.47	3.21	3.17	4.64	4.17	5.70B	28
29	2.18B		2.86	14.7	5.40	5.21	1.44	3.01	4.12	4.36	3.98	5.42B	29
30	2.17B		2.70	15.6	5.07	4.87	1.33	2.86	6.24	4.02	3.95	5.20B	30
31	2.12B		2.53B		4.84		1.25	2.74		3.74		5.00B	31
TOTAL	85.86	126.10	170.72	232.23	548.79	197.09	72.13	77.68	52.143	324.31	95.70	336.51	TOTAL
MEAN	2.77	4.50	5.51	7.74	17.7	6.57	2.33	2.51	1.74	10.5	3.19	10.9	MEAN
MAX	3.80	7.80	10.2	16.3	35.6	9.84	4.52	3.78	6.24	24.5	4.23	23.5	MAX
MIN	2.12	2.10	2.53	2.29	4.84	3.13	1.25	1.11	0.755	3.74	2.61	3.68	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.35
MAXIMUM DAILY, 35.6 ON MAY 9
MINIMUM DAILY, 0.755 ON SEP 24
MAXIMUM INSTANTANEOUS,
36.5 AT 08:00 NST ON MAY 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 55 44 N
LONG 56 06 44 W
DRAINAGE AREA, 200 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 420	JUL	6 230
FEB	10 900	AUG	6 710
MAR	14 800	SEP	4 510
APR	20 100	OCT	28 000
MAY	47 400	NOV	8 270
JUN	17 000	DEC	29 100

TOTAL DISCHARGE, 200 000 dam³

NORTHEAST POND RIVER AT NORTHEAST POND - STATION NO. 02ZM006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.298	0.075	0.573	0.366	0.091	0.029	0.085	0.014	0.018	0.067	0.076	0.073	1
2	0.170	0.065	0.355	0.220	0.160	0.037	0.054	0.014	0.017	0.057	0.064	0.063	2
3	0.132	0.062	0.257	0.288	0.154	0.036	0.041	0.014	0.016	0.047	0.062	0.058	3
4	0.103	0.114	0.311	0.330	0.145	0.030	0.033	0.014	0.015	0.049	0.056	0.051	4
5	0.158	0.159	0.438	0.302	0.208	0.025	0.038	0.016	0.015	0.138	0.046	0.052	5
6	0.201	0.110	0.555	0.309A	0.187	0.022	0.063	0.016	0.015	0.107	0.040	0.086	6
7	0.149	0.075	0.464	0.342A	0.136	0.021	0.163	0.019	0.019	0.066	0.041	0.232	7
8	0.122	0.064	0.223	0.239	0.101	0.201	0.158	0.032	0.076	0.091	0.287	0.168	8
9	0.351	0.349	0.153	0.157	0.079	0.187	1.35	0.033	0.070	0.165	0.191	0.131	9
10	0.269	0.871	0.111	0.126	0.064	0.191	0.642	0.028	0.046	1.38	0.097	0.173	10
11	0.613	0.270	0.087	0.126	0.050	0.581	0.243	0.023	0.043	1.65	0.063	0.344	11
12	0.537	0.272	0.074	0.122	0.035	0.362	0.150	0.021	0.485	1.30	0.051	0.270	12
13	0.355	0.503	0.066	0.104	0.032	0.214	0.124	0.025	0.328	0.522	0.049	0.166	13
14	0.881	0.212	0.059	0.082	0.029	0.110	0.091	0.108	0.407	0.242	0.041	0.106	14
15	0.313	0.116	0.115	0.102	0.028	0.069	0.163	0.090	0.318	0.148	0.037	0.077	15
16	0.214	0.072	0.285	0.163	0.026	0.060	0.260	0.048	0.156	0.105	0.038	0.280	16
17	0.223	0.060	0.203	0.122	0.025	0.052	0.156	0.035	0.333	1.28	0.049	0.447	17
18	0.207	0.056	0.951	0.084	0.023	0.044	0.084	0.070	0.259	1.42	0.129	0.208	18
19	0.288	0.054B	0.380	0.068	0.021	0.064	0.043	0.249	0.138	0.461	0.295	0.132	19
20	0.195	0.051B	0.202	0.068	0.019	0.053	0.018	0.153	0.180	0.185	0.259	0.147	20
21	0.135	0.049B	0.155	0.069	0.018	0.044	0.019	0.099	0.169	0.113	0.176	0.134	21
22	0.096	0.047B	0.122	0.134	0.016	0.155	0.018	0.059	0.092	0.085	0.240	0.088	22
23	0.077	0.046B	0.093	0.235	0.015	0.282	0.020	0.040	0.057	0.071	0.303	0.074	23
24	0.085	0.045B	0.085	0.261	0.020	0.142	0.020	0.032	0.243	0.059	0.170	0.060	24
25	0.074	0.044B	0.077	0.313	0.049	0.073	0.018	0.031	0.580	0.056	0.112	0.044B	25
26	0.067	0.043	0.074	0.322	0.059	0.046	0.018	0.032	0.279	0.051	2.03	0.036B	26
27	0.067	0.046	0.072	0.204	0.051	0.037	0.017	0.030	0.147	0.048	1.13	0.031B	27
28	0.159	1.07	0.075	0.139	0.040	0.032	0.016	0.026	0.087	0.168	0.256	0.028B	28
29	0.189		0.076	0.108	0.034	0.069	0.016	0.022	0.060	0.551	0.149	0.025B	29
30	0.145		0.082	0.087	0.029	0.147	0.016	0.020	0.065	0.225	0.101	0.030B	30
31	0.096		0.129		0.028		0.015	0.018		0.115		0.043	31
TOTAL	6.969	5.000	6.902	5.592	1.972	3.415	4.152	1.431	4.733	11.022	6.638	3.857	TOTAL
MEAN	0.225	0.179	0.223	0.186	0.064	0.114	0.134	0.046	0.158	0.356	0.221	0.124	MEAN
MAX	0.881	1.07	0.951	0.366	0.208	0.581	1.35	0.249	0.580	1.65	2.03	0.447	MAX
MIN	0.067	0.043	0.059	0.068	0.015	0.021	0.015	0.014	0.015	0.047	0.037	0.025	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.169
MAXIMUM DAILY, 2.03 ON NOV 26
MINIMUM DAILY, 0.014 ON AUG 1
MAXIMUM INSTANTANEOUS,
5.64 AT 18:12 NST ON NOV 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 38 06 N
LONG 52 50 14 W
DRAINAGE AREA, 3.63 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	602	JUL	359
FEB	432	AUG	124
MAR	596	SEP	409
APR	483	OCT	952
MAY	170	NOV	574
JUN	295	DEC	333

TOTAL DISCHARGE, 5 330 dam³

NORTHEAST RIVER NEAR PLACENTIA - STATION NO. 02ZK002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.2	3.79	3.14	10.7	3.11	1.02	5.64	1.31	1.20	5.22	4.42	4.59	1
2	8.15	3.76	4.47	5.66	4.01	1.11	4.69	1.11	1.14	4.31	3.98	4.08	2
3	7.67	3.55	3.79	4.86	4.32	0.836	4.08	0.995	1.06	3.73	3.57	3.56	3
4	6.70	3.41B	3.69	4.51	5.57	0.701	3.46	0.941	0.958	19.7	3.15	3.30	4
5	6.46	3.30B	4.12	4.31	4.97	0.694	3.34	1.83	0.907	24.0	2.91	3.12	5
6	5.60	3.18B	4.36	4.14	4.19	0.658	5.85	1.50	1.38	11.7	2.54	2.89	6
7	4.84	3.00B	4.34	3.97	3.72	1.23	20.2	1.31	1.42	9.09	3.25	2.74	7
8	7.02	2.90B	3.91	3.74	3.60	5.20	8.57	1.15	1.19	7.79	18.7	2.57	8
9	11.5	17.0 B	3.30	3.31	3.22	2.97	12.0	1.11	0.937	7.05	7.30	3.07	9
10	7.24	20.3	2.79	2.83	2.79	2.86	8.40	1.01	0.721	10.2	5.37	3.81	10
11	14.6	9.77	2.50	2.80	2.42	3.83	6.75	0.926	0.783	10.9	4.72	4.70	11
12	11.6	10.8	2.34	2.86	2.19	2.82	7.18	0.854	2.17	9.68	4.92	4.73	12
13	11.4	12.6	2.22	2.65	2.04	2.30	6.49	1.43	1.81	7.76	5.12	4.03	13
14	17.1	7.28	2.06	2.31	1.86	1.90	5.35	4.90	2.12	6.36	4.66	3.22	14
15	9.55	5.92	3.68	2.84	1.62	1.71	33.4	2.94	2.12	5.50	4.08	2.82	15
16	8.19	5.06	3.97	4.04	1.48	1.46	17.6	2.10	1.85	5.18	4.86	10.7	16
17	7.53	4.25	3.24	3.06	1.32	1.33	9.03	1.77	4.06	36.3	5.11	13.6	17
18	6.90B	3.97	9.79	2.69	1.22	1.29	6.60	13.5	3.55	35.6	5.15	7.33	18
19	6.15B	3.53	5.65	2.38	1.07	1.27	5.55	9.85	2.60	18.9	6.45	6.47	19
20	5.45B	3.34	4.72	2.22	0.878	1.08	4.86	5.39	7.33	13.7	5.91	6.21	20
21	5.08B	3.02	4.63	2.02	0.790	1.19	4.32	4.23	5.16	9.95	4.98	5.28	21
22	4.78B	2.83	3.92	2.23	0.753	9.52	3.60	3.64	3.94	7.51	8.72	4.45	22
23	4.42B	2.61	3.23	3.00	0.731	6.43	3.36	3.08	3.25	5.97	7.38	3.90B	23
24	4.19B	2.43	2.97	3.47	0.756	4.22	2.90	2.62	12.8	4.87	5.92	3.48B	24
25	3.87B	2.32	2.84	5.29	0.774	3.28	2.59	2.54	11.3	4.52	5.17	3.14B	25
26	3.62	2.17	2.73	4.81	0.750	2.73	2.25	2.25	7.79	4.32	12.5	2.90B	26
27	4.24	2.07	2.55	3.79	0.680	3.24	1.98	1.87	6.52	4.00	16.2	2.72B	27
28	5.95	2.72	2.39	3.23	0.640	3.92	1.84	1.70	5.46	7.62	8.47	2.55B	28
29	5.04		2.23	3.10	0.596	12.6	1.76	1.46	4.94	12.2	6.34	2.40B	29
30	4.68		2.43	2.87	0.562	8.66	1.46	1.30	6.02	6.57	5.18	2.30B	30
31	4.15		9.34		0.620		1.42	1.26		5.31		4.00B	31
TOTAL	224.87	150.88	117.34	109.69	63.250	92.059	206.12	81.876	106.486	325.51	187.03	134.66	TOTAL
MEAN	7.25	5.39	3.79	3.66	2.04	3.07	6.65	2.64	3.55	10.5	6.23	4.34	MEAN
MAX	17.1	20.3	9.79	10.7	5.57	12.6	33.4	13.5	12.8	36.3	18.7	13.6	MAX
MIN	3.62	2.07	2.06	2.02	0.562	0.658	1.42	0.854	0.721	3.73	2.54	2.30	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.93
MAXIMUM DAILY, 36.3 ON OCT 17
MINIMUM DAILY, 0.562 ON MAY 30
MAXIMUM INSTANTANEOUS,
86.2 AT 17:21 NST ON OCT 4

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 16 26 N
LONG 53 50 27 W
DRAINAGE AREA, 89.6 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	19 400	JUL	17 800
FEB	13 000	AUG	7 070
MAR	10 100	SEP	9 200
APR	9 480	OCT	28 100
MAY	5 460	NOV	16 200
JUN	7 950	DEC	11 600

TOTAL DISCHARGE, 155 000 dam³

NORTHWEST BROOK AT NORTHWEST POND - STATION NO. 02ZN001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.2	2.01	---	---	---	---	1.90	0.915	0.818	2.47	3.51	3.15	1
2	7.76	1.65	---	---	---	---	1.72	0.885	0.786	2.41	2.62	2.57	2
3	5.45	1.45	---	---	---	---	1.47	0.847	0.736	2.17	2.27	2.18	3
4	4.54	1.68	---	---	---	---	1.31	0.817	0.692	2.15	2.07	1.91	4
5	6.63	2.18	---	---	---	---	1.20	0.882	0.663	3.31	1.88	1.79	5
6	6.73	2.23	---	---	---	---	1.17	0.980	0.637	3.92	1.69	1.75	6
7	4.75	1.90	---	---	---	---	1.44	0.977	0.687	3.34	1.59	1.77	7
8	3.56	1.68	---	---	---	---	1.79	0.938	0.777	3.46	15.7	1.96	8
9	8.58	3.89	---	---	---	---	3.13	0.941	0.791	4.54	17.7	2.74	9
10	8.12	17.2	---	---	---	---	4.30	0.935	0.776	4.49	7.74	3.49	10
11	7.06	9.36	---	---	---	---	3.70	0.878	0.798	4.07	4.51	3.68	11
12	12.8	5.32	---	---	---	---	3.00	0.841	0.969	3.73	3.56	3.66	12
13	8.73	4.57	---	---	---	---	2.68	0.837	1.17	3.29	3.32	3.15	13
14	12.3	3.96	---	---	---	---	2.37	1.15	1.45	2.73	3.00	2.51	14
15	9.49	3.05	---	---	---	---	4.51	1.41	1.56	2.28	2.54	2.07	15
16	6.17	2.27	---	---	---	1.54A	8.83	1.45	1.55	2.03	2.79	2.80	16
17	7.58	1.91	---	---	---	1.38	7.11	1.32	1.99	5.88	3.68	7.31	17
18	7.58	1.69	---	---	---	1.21	4.63	3.60	2.90	18.5	4.01	7.89	18
19	9.18	1.62	---	---	---	1.17	3.26	11.1	2.91	13.9	4.96	5.34	19
20	6.20	1.52	---	---	---	1.10	2.46	8.38	2.74	7.37	5.69	4.72	20
21	8.29	1.39	---	---	---	1.04	2.03	4.84	3.14	4.79	4.39	8.16	21
22	3.33	1.29	---	---	---	1.73	1.73	3.17	3.09	3.55	6.49	3.07	22
23	2.68	1.22	---	---	---	4.87	1.59	2.36	2.43	2.81	10.5	2.81	23
24	2.34	1.12	---	---	---	5.40	1.42	1.86	3.47	2.39	7.21	2.76	24
25	2.13	1.03	---	---	---	3.73	1.27	1.55	7.85	2.07	4.73	2.38	25
26	1.89	0.972	---	---	---	2.57	1.12	1.32	7.45	1.83	5.12	2.24	26
27	1.73	0.919A	---	---	---	1.98	1.04	1.19	4.91	1.93	14.0	1.74	27
28	2.53	---	---	---	---	1.91	0.947	1.09	3.32	2.55	10.7	1.50	28
29	3.51		---	---	---	2.08	0.961	0.981	2.51	8.07	5.94	1.48	29
30	3.12		---	---	---	2.03	0.944	0.910	2.40	8.93	4.07	1.47	30
31	2.48		---		---		0.931	0.864		5.29		1.50	31
TOTAL	188.44	---	---	---	---	---	75.963	60.218	65.970	140.25	167.98	91.55	TOTAL
MEAN	6.08	---	---	---	---	---	2.45	1.94	2.20	4.52	5.60	2.95	MEAN
MAX	15.2	---	---	---	---	---	8.83	11.1	7.85	18.5	17.7	7.89	MAX
MIN	1.73	---	---	---	---	---	0.931	0.817	0.637	1.83	1.59	1.47	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM INSTANTANEOUS,
27.1 AT 20:45 NST ON NOV 8

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 51 08 N
LONG 53 18 11 W
DRAINAGE AREA, 53.3 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	16 300	JUL	6 560
FEB	---	AUG	5 200
MAR	---	SEP	5 700
APR	---	OCT	12 100
MAY	---	NOV	14 500
JUN	---	DEC	7 910

NEWFOUNDLAND AND LABRADOR

PETERS RIVER NEAR BOTWOOD - STATION NO. 02YO006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.50B	1.25B	5.14	4.92	10.1	2.40	1.57	0.430	0.449	6.96	5.30	4.74	1
2	3.15B	1.55B	4.77	5.30	15.5	2.04	1.28	0.435	0.380	6.64	3.95	3.77	2
3	2.95B	2.00B	5.32	8.29	21.1	1.74	1.05	0.455	0.345	4.84	3.38	3.12	3
4	2.70B	2.50B	7.00	14.3	29.2	1.32	0.834	0.447	0.317	4.61	3.19	3.21	4
5	2.50B	3.25B	10.3	17.3	32.6	1.05	0.618	0.410	0.285	8.17	2.80	5.39	5
6	2.35B	6.00B	14.2	17.5	25.8	0.902	0.456	0.382	0.280	11.1	2.54	8.83	6
7	2.25B	7.97	16.3	17.4	19.3	0.909	0.438	0.431	0.269	9.78	2.33	11.8	7
8	2.15B	4.57	16.4	18.8	14.7	5.80	0.392	0.690	0.237	7.44	2.34	11.8	8
9	2.80B	3.78	12.6	19.1	11.7	15.9	0.375	1.23	0.224	8.98	2.37	9.02	9
10	3.50B	4.90	8.68	15.8	9.00	16.8	0.319	1.38	0.178	12.5	2.34	7.41	10
11	4.20B	6.64	6.39	13.3	6.28	11.2	0.275	1.18	0.180	15.3	2.17	7.65	11
12	3.60B	7.85	4.65	12.4	4.62	6.94	0.226	1.01	0.207	18.8	2.28	9.38	12
13	3.35B	10.6	3.83	10.2	3.96	4.52	0.197	0.907	0.235	19.5	3.23	9.72	13
14	3.05B	11.8	3.40	7.48	3.59	3.26	0.175	0.906	0.302	14.3	3.36	7.66	14
15	2.80B	12.0	3.01	5.88	3.39	2.44	0.179	1.36	0.465	8.95	2.96	5.47	15
16	2.55B	8.15	2.58	5.21	3.24	1.81	3.763	1.40	0.541	5.89	2.41	4.38	16
17	2.35B	4.03	2.76	4.13	3.07	1.44	1.13	1.01	0.533	6.06	2.17	8.23	17
18	2.15B	3.05	4.20	3.75	2.73	1.34	1.16	1.11	0.527	13.7	2.54	13.5	18
19	1.95B	2.68	9.39	3.50	2.38	1.30	0.886	3.78	0.492	21.9	6.56	13.1	19
20	1.82B	2.63	14.0	3.23	2.14	1.30	0.710	5.45	0.642	19.1	14.0	9.08	20
21	1.71B	2.62	13.2	3.50	1.94	1.23	0.606	4.26	2.25	12.8	17.9	6.17	21
22	1.64B	2.85	9.70	4.85	1.63	7.08	0.536	2.96	3.09	7.89	15.9	4.23	22
23	1.55B	3.55	6.94	8.78	1.44	20.2	0.503	1.88	2.47	5.48	14.8	3.97	23
24	1.47B	4.92	5.02	11.1	1.26	21.9	0.495	1.37	1.84	4.15	14.2	3.35B	24
25	1.38B	6.53	3.88	9.63	1.47	15.3	0.465	1.10	1.63	3.54	10.2	3.05B	25
26	1.31B	7.52	3.38	7.54	2.51	8.59	0.433	1.27	3.64	3.99	6.81	2.79B	26
27	1.26B	7.64	3.00	6.02	3.04	4.93	0.408	1.26	6.71	3.69	5.92	2.56B	27
28	1.19B	6.64	3.33	4.91	3.09	3.25	0.361	0.916	6.23	3.20	8.26	2.40B	28
29	1.14B		3.58	4.42	2.72	2.50	0.383	0.733	3.98	5.03	8.20	2.25B	29
30	1.10B		3.70	5.02	2.74	1.97	0.399	0.607	4.33	8.13	6.44	2.11B	30
31	1.06B		4.20		2.71		0.450	0.526		7.33		2.00B	31
TOTAL	70.48	149.47	214.85	273.56	248.95	171.361	18.072	41.285	43.258	289.75	180.85	192.14	TOTAL
MEAN	2.27	5.34	6.93	9.12	8.03	5.71	0.583	1.33	1.44	9.35	6.03	6.20	MEAN
MAX	4.20	12.0	16.4	19.1	32.6	21.9	1.57	5.45	6.71	21.9	17.9	13.5	MAX
MIN	1.06	1.25	2.58	3.23	1.26	0.902	0.175	0.382	0.178	3.20	2.17	2.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.19
MAXIMUM DAILY, 32.6 ON MAY 5
MINIMUM DAILY, 0.175 ON JUL 14
MAXIMUM INSTANTANEOUS,
33.8 AT 11:30 NST ON MAY 5

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 06 21 N
LONG 55 24 38 W
DRAINAGE AREA, 177 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 090	JUL	1 560
FEB	12 900	AUG	3 570
MAR	18 600	SEP	3 740
APR	23 600	OCT	25 000
MAY	21 500	NOV	15 600
JUN	14 800	DEC	16 600

TOTAL DISCHARGE, 164 000 dam³

PETTY HARBOUR RIVER AT SECOND POND - STATION NO. 02ZM001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.23	4.93	13.5	10.9	6.80	1.70	3.20	0	0	7.39	7.08	7.76	1
2	15.3	9.23	13.3	7.11	7.87	0	6.68	0	0	7.39	5.44	8.33	2
3	11.0	11.3	11.1	8.30	3.91	1.12	4.93	0	0	6.99	10.1	10.2	3
4	6.68	6.54	9.71	6.80	6.91	1.15	6.85	0	2.00	4.81	8.38	9.00	4
5	8.83	3.79	11.8	5.24	3.20	1.55	6.77	0	0	10.8	8.38	4.47	5
6	5.61	4.90	9.77	8.58	0	0.552	2.94	0	0	4.47	6.06	3.99	6
7	8.95	3.82	10.0	8.67	2.97	2.56	5.49	0	1.78	11.3	11.7	9.40	7
8	10.3	8.33	5.10	8.75	3.11	8.47	3.60	0	1.59	10.8	11.7	7.99	8
9	11.7	11.9	4.93	8.67	0	2.21	2.89	0	0	2.63	11.7	6.63	9
10	11.8	11.8	4.67	5.10	0.957	2.89	7.39	0	0	11.3	8.86	5.83	10
11	11.8	12.0	3.99	4.93	0.745	11.8	7.14	0	0	22.2	8.50	8.50	11
12	11.9	11.8	4.16	5.01	2.34	11.2	7.05	0	8.01	20.6	11.7	8.50	12
13	12.0	8.41	5.01	6.91	1.19	5.41	5.27	0	5.21	20.3	7.67	8.41	13
14	12.1	10.4	5.01	7.25	1.22	0.796	5.52	0	1.43	12.8	6.99	2.86	14
15	12.1	5.35	9.00	3.54	0	5.21	5.83	0	5.55	11.3	4.84	4.84	15
16	12.0	8.44	11.8	8.35	0.796	1.00	5.83	0	2.55	11.4	6.54	10.1	16
17	12.0	8.47	11.3	3.99	1.70	1.08	4.36	0	3.09	11.2	8.41	11.6	17
18	9.34	4.79	11.3	7.11	0.957	4.59	2.71	0.479	4.98	15.8	9.09	10.4	18
19	11.8	5.47	11.7	8.67	1.33	3.03	3.74	4.50	7.56	17.4	11.6	11.6	19
20	9.60	5.92	11.9	7.33	1.06	0.957	4.47	4.76	7.39	13.4	11.6	7.79	20
21	5.30	7.56	7.65	3.65	0	1.75	4.02	4.16	5.24	11.8	11.6	4.67	21
22	9.37	7.65	7.48	2.86	0.850	3.37	3.57	3.82	5.44	11.6	11.6	3.82	22
23	7.48	7.48	1.91	5.75	2.68	4.93	2.38	3.11	7.39	10.7	11.6	5.04	23
24	7.56	5.41	1.12	10.3	0	3.11	0.722	0	6.09	11.7	11.6	3.99	24
25	6.85	4.53	3.99	12.0	0.881	1.36	0	0	7.70	8.92	5.55	3.99	25
26	5.01	4.28	3.91	11.4	1.02	3.82	0	2.31	12.9	6.68	11.6	3.91	26
27	10.3	2.49	5.13	10.7	0.510	2.66	0	0	11.4	8.01	39.6	2.79	27
28	7.53	11.8	5.10	7.31	0.881	5.01	0	0	7.65	11.5	22.6	6.31	28
29	6.68		2.55	3.82	1.12	2.39	0	0	8.81	11.5	16.4	2.11	29
30	7.59		4.08	5.97	1.91	1.02	0	0	7.58	9.51	11.9	2.63	30
31	7.33		8.10		2.12		0	0		8.67		5.83	31
TOTAL	292.04	208.79	230.07	214.97	59.037	96.695	113.352	23.139	131.26	344.87	330.39	203.29	TOTAL
MEAN	9.42	7.46	7.42	7.17	1.90	3.22	3.66	0.746	4.38	11.1	11.0	6.56	MEAN
MAX	15.3	12.0	13.5	12.0	7.87	11.8	7.39	4.76	12.9	22.2	39.6	11.6	MAX
MIN	5.01	2.49	1.12	2.86	0	0	0	0	0	2.63	4.84	2.11	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.16
MAXIMUM DAILY, 39.6 ON NOV 27
MINIMUM DAILY, 0 ON MAY 6

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 47 27 27 N
LONG 52 43 47 W
DRAINAGE AREA, 134 km²

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	25 200	JUL	9 790
FEB	18 000	AUG	2 000
MAR	19 900	SEP	11 300
APR	18 600	OCT	29 800
MAY	5 100	NOV	28 500
JUN	8 350	DEC	17 600

TOTAL DISCHARGE, 194 000 dam³

DATA CONTRIBUTED BY -
NEWFOUNDLAND LIGHT AND POWER COMPANY *LIMITED*

REGULATED

NEWFOUNDLAND AND LABRADOR

PIERRES BROOK AT GULL POND - STATION NO. 02ZH002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.68	6.71	6.74	6.51	4.70	1.77	0	3.14	0	6.17	6.60	6.54	1
2	6.68	6.71	6.57	6.48	4.70	0	1.86	3.14	0	6.17	6.60	6.54	2
3	6.68	6.71	6.51	6.48	4.70	0	0	2.75	0	6.17	6.60	6.54	3
4	6.68	6.71	6.48	6.48	4.70	0	1.57	1.77	2.64	6.17	6.60	6.54	4
5	6.68	6.71	6.51	6.48	4.70	0.912	0	2.36	4.70	6.17	6.60	6.54	5
6	6.68	6.71	6.48	6.48	4.70	0	1.37	2.36	4.93	6.17	6.60	6.54	6
7	6.68	6.71	6.48	6.48	3.23	0	4.50	3.06	4.70	6.17	6.60	6.54	7
8	6.68	6.71	6.48	6.48	4.70	0	0	1.38	1.89	6.17	6.48	6.54	8
9	6.68	6.43	6.48	6.48	4.70	2.75	2.15	1.87	0	6.17	6.60	6.54	9
10	6.68	6.71	6.48	6.48	4.70	4.73	4.70	4.73	0	6.17	6.60	6.40	10
11	6.68	6.71	6.48	6.48	4.70	4.73	4.70	2.56	0	6.17	6.60	4.50	11
12	6.68	6.71	6.51	6.48	4.70	4.73	4.70	0	0	6.17	6.60	6.54	12
13	6.68	6.71	6.48	6.48	4.70	3.45	4.70	0	0	6.17	6.60	6.54	13
14	6.68	6.71	6.48	6.48	4.70	0	4.70	1.38	2.10	6.40	6.60	6.40	14
15	6.68	6.71	6.48	6.48	4.70	2.94	4.70	2.46	4.70	6.29	6.60	6.54	15
16	6.68	6.71	6.48	6.48	4.70	4.73	1.86	2.16	4.70	6.51	6.43	6.54	16
17	6.68	6.71	6.48	6.48	4.70	4.73	3.77	1.57	4.70	6.51	6.60	6.54	17
18	6.68	6.57	6.48	6.48	4.70	4.73	6.37	0	4.70	6.51	6.60	6.54	18
19	6.68	6.71	6.43	6.48	4.70	4.73	6.37	0	4.70	6.51	6.60	6.54	19
20	6.68	6.71	6.51	6.48	4.70	4.73	6.37	0	4.70	6.51	6.60	6.54	20
21	6.68	6.71	6.48	6.48	4.70	4.73	6.37	0	4.50	6.51	6.60	6.54	21
22	6.68	6.71	6.48	6.48	4.70	4.73	5.47	3.14	2.94	6.51	6.60	4.45	22
23	6.68	6.71	6.48	5.44	4.70	4.73	3.14	2.80	4.70	6.29	6.60	6.54	23
24	6.68	6.71	6.48	4.73	4.70	4.53	2.74	1.38	5.44	6.77	6.60	6.54	24
25	6.68	6.71	4.53	4.73	4.70	0	1.76	4.73	6.29	6.51	6.60	6.54	25
26	6.68	6.71	6.48	4.53	4.70	1.58	1.76	4.73	6.29	6.51	6.60	5.72	26
27	6.68	6.71	6.48	4.73	4.70	0	1.76	4.73	6.34	6.51	6.60	0.105	27
28	6.68	6.71	6.46	4.73	4.70	1.38	1.96	4.73	6.29	6.51	6.60	4.36	28
29	6.68		6.48	4.73	1.76	0	2.35	4.73	6.20	6.51	6.60	5.92	29
30	6.68		6.48	4.73	0	1.38	1.76	4.73	6.20	6.51	6.60	6.37	30
31	6.68		6.48		2.74		3.40	3.14		6.14		6.37	31
TOTAL	207.08	187.46	199.33	180.94	134.63	72.722	96.86	75.53	104.35	196.73	197.71	187.935	TOTAL
MEAN	6.68	6.70	6.43	6.03	4.34	2.42	3.12	2.44	3.48	6.35	6.59	6.06	MEAN
MAX	6.68	6.71	6.74	6.51	4.70	4.73	6.37	4.73	6.34	6.77	6.60	6.54	MAX
MIN	6.68	6.43	4.53	4.53	0	0	0	0	0	6.14	6.43	0.105	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.04
MAXIMUM DAILY, 6.77 ON OCT 24
MINIMUM DAILY, 0 ON MAY 30

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 47 17 50 N
LONG 52 51 00 W
DRAINAGE AREA, 117 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	17 900	JUL	8 370
FEB	16 200	AUG	6 530
MAR	17 200	SEP	9 020
APR	15 600	OCT	17 000
MAY	11 600	NOV	17 100
JUN	6 280	DEC	16 200

TOTAL DISCHARGE, 159 000 dam³

DATA CONTRIBUTED BY -
NEWFOUNDLAND LIGHT AND POWER COMPANY LIMITED

REGULATED

PIPERS HOLE RIVER AT MOTHERS BROOK - STATION NO. 02ZH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	77.9	14.0B	28.1	53.2	20.4	6.15	20.9	9.79	8.33	52.5	35.5	34.1	1
2	58.3	13.3B	40.3	44.2	47.2	6.17	16.6	8.60	7.85	45.0	31.5	30.1	2
3	48.2	12.9B	39.7	82.2	77.2	5.57	13.0	7.69	7.18	38.4	29.4	28.2	3
4	35.0	12.4B	40.8	79.6	90.7	4.89	11.1	7.12	6.17	92.9	27.3	26.8	4
5	34.9	12.1B	45.7	69.1	110	4.96	10.3	8.72	5.82	130	25.3	25.8	5
6	29.6	11.7B	45.1	64.6	93.5	4.99	10.5	8.42	5.32	81.0	21.4	26.0	6
7	28.7	11.3B	50.5	61.0	76.6	4.81	11.7	9.09	4.98	62.9	20.8	27.7	7
8	29.6	11.0B	40.8	55.8	67.4	14.5	12.3	13.5	4.65	60.7	35.3	29.3	8
9	48.5	35.0B	35.1	48.6	55.0	12.7	23.2	12.4	4.38	63.3	33.3	34.8	9
10	40.5	123	29.8	43.0	45.5	10.8	24.6	10.2	3.89	55.1	28.1	38.3	10
11	94.0	79.4	27.0	39.2	37.8	10.7	19.6	8.67	4.49	61.6	25.2	37.5	11
12	90.9	76.8	23.8	35.1	31.8	10.5	19.8	7.74	17.3	57.2	35.7	37.9	12
13	67.1	94.5	21.3	30.0	27.1	9.46	21.0	8.29	17.1	49.8	39.8	36.7	13
14	70.1	67.6	20.0	22.6	23.4	8.36	18.2	16.5	15.8	43.1	33.1	28.0	14
15	57.2	51.8	19.3	23.8	20.5	7.45	108	15.0	14.3	37.6	29.3	29.9	15
16	46.8	41.1	20.1	29.1	18.9	6.80	106	11.9	12.3	32.9	27.1	34.8	16
17	43.5	33.9	18.9	21.2	16.7	6.33	69.2	10.6	11.1	74.3	25.9	72.8	17
18	36.5	28.1	53.1	21.3	15.3	6.96	53.9	36.4	10.3	178	33.2	63.9	18
19	31.5	26.1	55.5	19.6	13.9	7.82	42.8	45.0	9.76	134	48.6	49.8	19
20	26.1	23.1	45.4	18.0	12.4	6.93	34.9	31.9	51.3	103	53.3	50.3	20
21	24.0	20.9	41.9	16.8	10.9	6.33	28.8	26.4	49.6	79.9	49.0	44.3	21
22	20.7	19.7	36.1	18.0	10.0	8.48	24.3	23.1	35.2	63.7	54.5	33.8	22
23	19.2B	18.4B	32.2	23.3	9.03	8.73	21.1	20.1	28.6	52.8	58.0	29.5B	23
24	17.3B	17.2B	28.4	28.5	8.34	8.52	17.5	17.8	41.2	44.4	49.9	26.1B	24
25	16.3B	16.5B	26.3	28.8	8.41	7.59	15.2	16.4	61.2	40.8	43.7	24.9B	25
26	15.3B	15.8B	23.8	29.9	8.47	6.27	13.0	15.2	78.5	35.6	40.2	23.0B	26
27	14.7	15.1B	22.6	26.7	8.13	11.3	11.3	13.6	65.2	31.6	55.1	21.9B	27
28	16.7	22.9	21.6	23.2	7.83	16.6	10.1	12.2	51.1	33.2	54.8	20.6B	28
29	16.7		19.7	21.1	7.05	15.5	10.7	11.0	45.6	61.3	41.5	19.8B	29
30	15.3		20.9	18.7	6.65	24.3	9.47	9.85	61.9	51.2	39.0	18.8B	30
31	14.7B		30.5		6.06		10.5	9.07		42.2		18.0B	31
TOTAL	1 185.8	925.6	1 004.3	1 096.2	992.17	270.47	819.57	462.25	740.42	1 990.0	1 124.8	1 023.4	TOTAL
MEAN	38.3	33.1	32.4	36.5	32.0	9.02	26.4	14.9	24.7	64.2	37.5	33.0	MEAN
MAX	94.0	123	55.5	82.2	110	24.3	108	45.0	78.5	178	58.0	72.8	MAX
MIN	14.7	11.0	18.9	16.8	6.06	4.81	9.47	7.12	3.89	31.6	20.8	18.0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 31.9
MAXIMUM DAILY, 178 ON OCT 18
MINIMUM DAILY, 3.89 ON SEP 10
MAXIMUM INSTANTANEOUS,
195 AT 11:41 NST ON OCT 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 56 49 N
LONG 54 17 08 W
DRAINAGE AREA, 764 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	102 800	JUL	70 800
FEB	80 000	AUG	39 900
MAR	86 800	SEP	64 000
APR	98 700	OCT	172 000
MAY	85 700	NOV	97 200
JUN	23 400	DEC	88 400

TOTAL DISCHARGE, 1 000 000 dam³

RAGGED HARBOUR RIVER NEAR MUSGRAVE HARBOUR - STATION NO. 02YR002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.5 B	4.85B	17.8	12.2	12.3	3.06	2.93	0.656	1.28	14.2	11.9	22.3	1
2	11.0 B	4.70B	21.8	12.7	15.8	2.80	2.47	0.662	1.20	12.3	11.1	19.6	2
3	10.4 B	5.80B	22.2	15.6	27.0	2.61	2.43	0.678	1.13	10.6	10.4	18.3	3
4	12.2 B	8.60B	22.0	24.1	46.1	2.48	2.19	0.730	1.06	9.84	9.84	15.5	4
5	11.3 B	12.0 B	25.6	30.8	51.4	2.46	1.95	0.701	0.984	9.58	8.76	14.9	5
6	10.3 B	11.5 B	31.9	33.6	43.3	2.40	1.75	0.678	0.919	9.78	8.43	17.2	6
7	9.50B	11.0 B	34.1	35.6	34.2	2.43	1.73	0.748	0.857	9.74	8.47	24.2	7
8	8.90B	10.5 B	29.0	32.9	27.1	4.27	1.63	0.963	0.791	9.64	8.00	26.9	8
9	8.30B	10.3 B	24.3	28.0	22.3	6.15	1.42	0.961	0.744	11.6	7.74	26.1	9
10	7.60B	19.8 B	20.7	24.4	18.3	6.35	1.29	0.977	0.712	14.2	7.51	24.3	10
11	8.00B	18.7 B	17.5	21.6	15.1	5.99	1.24	0.973	1.44	23.7	7.08	22.2	11
12	8.50B	17.4 B	14.9	19.0	12.8	6.05	1.11	0.944	2.21	31.9	10.0	20.3	12
13	9.00B	16.0 B	13.0	16.4	11.2	6.32	1.06	1.01	2.89	31.3	13.6	18.8	13
14	9.50B	14.5 B	11.9	14.6	10.3	6.21	1.01	1.19	3.51	26.9	13.8	16.9	14
15	10.6 B	13.5 B	11.3	13.8	9.53	5.64	1.22	1.19	3.65	22.6	12.7	15.6	15
16	10.0 B	12.3 B	11.0	11.2	8.89	4.94	1.42	1.12	3.65	18.6	11.7	14.5	16
17	9.43B	11.0 B	10.8	10.3	8.19	4.68	1.30	1.12	3.72	20.1	10.7	19.7	17
18	8.84B	10.0 B	11.7	9.56	7.39	4.44	1.21	1.29	3.69	43.1	10.4	23.5	18
19	8.30B	9.00E	28.2	8.51	6.61	4.16	1.19	1.53	3.51	52.8	16.0	18.3	19
20	7.80B	8.30E	30.2	8.27	6.04	3.95	1.12	1.70	4.44	45.5	26.2	20.9	20
21	7.56B	7.72A	26.5	7.91	5.49	3.76	1.04	2.06	4.88	35.2	27.9	23.4	21
22	7.10B	7.44	23.0	9.15	5.06	4.59	1.00	2.14	4.94	27.8	27.2	25.4	22
23	6.75B	7.33	20.1	12.0	4.70	4.93	0.959	2.15	4.70	23.0	25.1	14.6	23
24	6.45B	7.58	17.7	14.6	4.30	4.86	0.829	2.22	4.46	19.8	22.3	13.5 B	24
25	6.18B	7.75	15.5	15.4	4.20	4.32	0.768	2.20	4.26	17.0	19.7	12.3 B	25
26	5.96B	7.92	14.2	15.6	3.99	3.97	0.731	2.21	6.84	15.2	16.9	11.5 B	26
27	5.70B	7.65	12.6	14.7	3.76	3.87	0.668	2.17	15.1	14.1	21.7	11.0 B	27
28	5.50B	9.10	12.0	13.4	3.55	3.62	0.720	1.93	18.9	12.8	29.0	10.3 B	28
29	5.30B		11.9	11.6	3.39	3.28	0.836	1.69	17.7	14.5	27.7	10.0 B	29
30	5.10B		11.5	11.8	3.41	3.15	0.729	1.61	16.1	14.6	21.8	9.50B	30
31	5.00B		11.6		3.35		0.661	1.49		13.0		9.20B	31
TOTAL	257.57	292.24	586.5	509.30	439.05	127.74	40.611	41.691	140.267	634.98	463.63	550.70	TOTAL
MEAN	8.31	10.4	18.9	17.0	14.2	4.26	1.31	1.34	4.68	20.5	15.5	17.8	MEAN
MAX	12.2	19.8	34.1	35.6	51.4	6.35	2.93	2.22	18.9	52.8	29.0	26.9	MAX
MIN	5.00	4.70	10.8	7.91	3.35	2.40	0.661	0.656	0.712	9.58	7.08	9.20	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.2
MAXIMUM DAILY, 52.8 ON OCT 19
MINIMUM DAILY, 0.656 ON AUG 1
MAXIMUM INSTANTANEOUS,
54.5 AT 04:17 NST ON OCT 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 23 35 N
LONG 54 06 25 W
DRAINAGE AREA, 399 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	22 300	JUL	3 510
FEB	25 200	AUG	3 600
MAR	50 700	SEP	12 100
APR	44 000	OCT	54 900
MAY	37 900	NOV	40 100
JUN	11 000	DEC	47 600

TOTAL DISCHARGE, 353 000 dam³

RATTLE BROOK NEAR BOAT HARBOUR - STATION NO. 02ZG004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.96	1.09 B	1.97	6.16	1.80	1.14	2.06	0.799	0.356	4.29	1.70	1.78	1
2	4.50	1.06 B	2.53	3.29	5.87	1.60	1.47	0.676	0.318	3.13	1.43	1.49	2
3	3.19	1.00 B	2.17	3.61	7.26	1.16	1.11	0.589	0.303	2.63	1.29	1.26	3
4	2.79	0.958B	1.94	3.15	5.85	0.857	0.923	0.541	0.284	11.1	1.16	1.16	4
5	2.14	0.920B	1.91	2.37	4.60	0.728	0.838	1.39	0.273	10.8	1.05	1.13	5
6	2.02B	0.890B	1.73	2.00	3.03	0.601	1.27	1.20	0.256	5.72	0.925	1.13	6
7	1.93B	0.860B	1.63	1.94	3.10	0.767	2.56	1.25	0.248	3.91	1.13	1.12	7
8	2.22	0.845B	1.38	1.73	3.66	3.71	2.23	1.51	0.221	3.53	3.95	1.26	8
9	4.12	3.50 B	1.13	1.41	2.48	2.25	6.53	1.39	0.186	3.36	2.75	2.03	9
10	3.29	11.0	0.964	1.21	1.73	1.83	4.36	1.11	0.173	3.50	1.94	1.98	10
11	9.06	4.65	0.844	1.15	1.39	1.83	2.63	0.907	0.306	4.17	1.97	1.85	11
12	7.63	3.88	0.790	1.09	1.13	1.40	1.95	0.756	0.751	3.00	4.76	1.68	12
13	4.60	2.90 B	0.748	0.964	0.996	1.09	1.58	0.686	0.587	2.25	3.74	1.43	13
14	5.48	2.33 B	0.730	0.862	0.850	0.911	1.51	0.978	0.616	1.83	2.50	1.19	14
15	3.61	1.91 B	0.900B	1.18	0.801	0.788	18.7	0.881	0.591	1.58	1.89	1.10	15
16	2.72	1.60 B	1.38	1.82	0.718	0.672	10.3	0.746	0.531	1.36	1.63	5.08	16
17	2.32B	1.36	1.52	1.33	0.634	0.591	5.17	0.697	1.17	9.11	1.48	8.52	17
18	2.00B	1.13	13.5	1.09	0.611	0.629	3.27	5.90	1.11	16.4	2.28	4.62	18
19	1.75B	1.09	6.59	0.964	0.576	0.668	2.31	4.38	0.885	7.58	4.60	3.08	19
20	1.61B	1.05	3.70	0.862	0.521	0.626	1.81	2.61	16.4	4.67	3.59	2.65	20
21	1.49B	0.964	2.72	0.790	0.446	0.608	1.54	1.76	7.20	3.38	2.49	2.25	21
22	1.37B	0.880	2.00	0.985	0.406	1.86	1.40	1.34	3.58	2.61	7.43	1.83	22
23	1.26B	0.862	1.55	1.46	0.384	2.02	1.24	1.04	2.24	2.09	5.37	1.61 B	23
24	1.17B	0.964	1.28 B	1.41	0.390	1.61	1.05	0.879	9.62	1.73	3.34	1.41 B	24
25	1.08B	0.985	1.18	1.43	0.436	1.26	0.896	0.753	7.95	1.85	2.42	1.25 B	25
26	1.03	0.943	1.04 B	1.37	0.416	1.01	0.771	0.621	8.25	1.68	3.56	1.17 B	26
27	1.13	0.922	0.985	1.10	0.396	2.09	0.647	0.532	5.41	1.46	6.50	1.05 B	27
28	1.44	1.60	0.943	0.945	0.386	2.43	1.15	0.496	3.25	2.84	4.22	0.980B	28
29	1.38		0.862	0.827	0.381	1.87	1.50	0.439	3.35	5.34	2.86	0.900B	29
30	1.27B		0.943	0.909	0.373	2.59	1.12	0.394	5.92	3.38	2.16	0.840B	30
31	1.17B		3.03		0.490		0.933	0.376		2.25		0.800B	31
TOTAL	88.73	52.143	64.589	49.408	52.111	41.196	84.828	37.626	82.335	132.53	86.115	59.630	TOTAL
MEAN	2.86	1.86	2.08	1.65	1.68	1.37	2.74	1.21	2.74	4.28	2.87	1.92	MEAN
MAX	9.06	11.0	13.5	6.16	7.26	3.71	18.7	5.90	16.4	16.4	7.43	8.52	MAX
MIN	1.03	0.845	0.730	0.790	0.373	0.591	0.647	0.376	0.173	1.36	0.925	0.800	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.28
MAXIMUM DAILY, 18.7 ON JUL 15
MINIMUM DAILY, 0.173 ON SEP 10
MAXIMUM INSTANTANEOUS,
26.4 AT 08:09 NST ON JUL 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 27 02 N
LONG 54 51 18 W
DRAINAGE AREA, 62.7 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 670	JUL	7 330
FEB	4 510	AUG	3 250
MAR	5 580	SEP	7 110
APR	4 270	OCT	11 500
MAY	4 500	NOV	7 440
JUN	3 560	DEC	5 150

TOTAL DISCHARGE, 71 900 dam³

NEWFOUNDLAND AND LABRADOR

RATTLING BROOK AT RATTLING BROOK POWERHOUSE - STATION NO. 02YO003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.3	6.34	13.3	13.3	7.14	5.95	6.12	6.17	6.29	5.83	13.2	13.2	1
2	13.3	6.17	13.3	13.3	7.14	6.17	6.06	5.75	6.00	6.00	13.3	13.3	2
3	13.3	5.86	12.9	13.3	7.02	6.09	5.97	5.92	6.20	6.14	13.3	13.3	3
4	13.2	6.14	13.3	13.1	11.1	5.95	6.12	5.86	6.00	6.09	13.2	13.3	4
5	13.3	6.34	13.3	13.2	13.4	5.95	5.95	6.03	6.20	6.17	13.1	13.2	5
6	13.2	10.4	13.3	13.4	13.4	5.89	6.06	5.80	6.03	7.84	13.2	13.3	6
7	13.3	13.2	13.3	13.2	13.4	6.12	5.92	6.23	6.09	8.86	12.9	13.3	7
8	13.3	13.3	13.3	13.4	13.4	6.00	6.23	5.83	5.80	10.1	13.3	13.3	8
9	13.3	13.4	13.3	13.3	13.3	6.17	6.20	6.20	6.06	6.82	13.3	13.3	9
10	13.3	13.3	13.3	13.3	13.4	6.09	5.97	5.89	5.97	3.14	13.3	13.3	10
11	13.3	13.3	13.3	13.3	13.4	10.3	6.20	5.89	5.92	0	13.2	13.3	11
12	13.1	13.3	13.5	13.4	13.3	8.78	6.09	5.89	6.12	0.057	13.3	13.3	12
13	12.4	13.3	13.3	13.3	13.3	6.03	6.03	6.09	5.83	4.11	13.2	13.3	13
14	13.4	13.3	13.3	13.3	13.4	5.92	6.09	6.00	5.92	13.0	13.2	13.2	14
15	12.7	13.3	13.3	13.2	13.3	9.88	6.09	6.00	6.00	13.1	13.3	13.3	15
16	13.4	13.2	13.3	13.3	13.3	6.03	6.00	6.09	6.03	12.9	13.3	13.3	16
17	13.3	13.3	10.5	13.2	13.4	7.11	6.09	6.06	6.23	13.3	13.3	13.2	17
18	13.3	13.3	8.50	13.3	13.3	6.03	6.17	5.97	5.95	13.3	13.0	13.0	18
19	13.3	13.3	8.44	13.2	13.3	6.03	6.20	5.95	6.00	13.2	13.2	13.3	19
20	13.2	13.4	11.0	13.2	13.3	6.09	5.95	6.26	5.86	13.0	13.2	13.3	20
21	13.4	13.3	13.2	13.3	13.3	6.06	5.92	6.09	6.06	13.2	13.3	13.3	21
22	13.3	13.2	13.2	13.3	13.3	6.14	6.06	0.963	6.09	12.9	13.2	13.1	22
23	13.3	13.3	13.2	13.3	13.3	7.84	5.18	3.51	6.06	13.2	13.2	13.3	23
24	13.4	13.3	13.2	11.6	13.3	6.43	5.95	4.16	6.17	13.2	13.2	13.3	24
25	13.3	12.9	12.8	7.33	10.4	6.20	6.12	6.03	6.06	13.2	12.7	13.1	25
26	13.3	13.0	12.7	7.25	9.66	6.20	6.12	5.86	5.97	13.1	13.3	13.2	26
27	13.3	13.0	13.3	7.22	13.3	6.12	6.12	5.92	6.06	13.3	13.4	13.1	27
28	13.5	13.3	13.4	7.22	10.5	6.06	5.97	5.95	6.20	12.7	13.3	13.2	28
29	13.3		13.4	6.63	6.23	6.20	5.83	6.06	6.60	13.3	13.1	13.2	29
30	11.2		13.3	7.08	5.92	6.20	5.55	5.95	6.00	11.3	13.3	13.3	30
31	6.12		13.3		5.89		6.14	5.80		13.2		12.5	31
TOTAL	401.62	332.75	396.04	359.73	361.10	196.03	186.47	176.173	181.77	305.557	396.3	409.9	TOTAL
MEAN	13.0	11.9	12.8	12.0	11.6	6.53	6.02	5.68	6.06	9.86	13.2	13.2	MEAN
MAX	13.5	13.4	13.5	13.4	13.4	10.3	6.23	6.26	6.60	13.3	13.4	13.3	MAX
MIN	6.12	5.86	8.44	6.63	5.89	5.89	5.18	0.963	5.80	0	12.7	12.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.1
MAXIMUM DAILY, 13.5 ON JAN 28
MINIMUM DAILY, 0 ON OCT 11

DATA CONTRIBUTED BY -
NEWFOUNDLAND LIGHT AND POWER COMPANY LIMITED

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 03 12 N
LONG 55 17 12 W
DRAINAGE AREA, 378 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	34 700	JUL	16 100
FEB	28 700	AUG	15 200
MAR	34 200	SEP	15 700
APR	31 100	OCT	26 400
MAY	31 200	NOV	34 200
JUN	16 900	DEC	35 400

TOTAL DISCHARGE, 320 000 dam³

RIVIERE JOIR NEAR PROVINCIAL BOUNDARY - STATION NO. 02XA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.6B	11.0 B	9.00B	---	---	311 E	115	---	---	---	---	18.7B	1
2	15.3B	11.0 B	8.92B	---	---	297 E	109	---	---	---	---	18.1B	2
3	15.0B	10.9 B	8.86B	---	---	278 E	105	---	---	---	---	17.6B	3
4	14.9B	10.8 B	8.78B	---	---	255 E	101	---	---	---	---	17.0B	4
5	14.7B	10.8 B	8.72B	---	---	238 E	98.3	---	---	---	---	16.4B	5
6	14.6B	10.7 B	8.64B	---	---	221 E	93.2	---	---	---	---	15.9B	6
7	14.4B	10.6 B	8.58B	---	---	212 E	87.8	---	---	---	---	15.3B	7
8	14.3B	10.6 B	8.50B	---	---	218 E	80.5	---	---	---	---	15.0B	8
9	14.2B	10.5 B	8.44B	---	---	224 E	79.1	---	---	---	---	14.7B	9
10	14.0B	10.4 E	8.35B	---	---	210 E	78.5	---	---	---	---	14.4B	10
11	13.9B	10.3 B	8.30B	---	---	193 E	77.3	---	---	---	---	14.2B	11
12	13.7B	10.3 B	8.21B	---	---	174 A	70.6	---	---	---	---	13.9B	12
13	13.6B	10.2 B	8.13B	---	---	143	65.0	---	---	---	---	13.6B	13
14	13.5B	10.1 B	8.07B	---	---	122	64.0	---	---	---	---	13.3B	14
15	13.3B	10.1 B	8.01B	---	---	109	65.4	---	---	---	---	13.0B	15
16	13.2B	10.0 B	7.96B	---	---	103	64.2	---	---	---	---	12.7B	16
17	13.0B	9.91B	7.93B	---	---	98.5	64.8	---	---	---	---	12.5B	,7
18	12.9B	9.85B	7.93B	---	---	97.8	65.3	---	---	---	36.8A	12.2B	18
19	12.7B	9.77B	7.87B	---	---	95.1	63.3	---	---	---	28.6	12.0B	19
20	12.6B	9.71B	7.82B	---	---	91.7	64.1	---	---	---	27.4	11.9B	20
21	12.5B	9.63B	7.82B	---	---	85.6	61.6	---	---	---	26.2	11.8B	21
22	12.3B	9.54B	7.76B	---	---	81.3	62.4	---	---	---	25.9	11.6B	22
23	12.2B	9.49B	7.70B	---	---	77.8	61.4	---	---	---	26.4	11.5B	23
24	12.0B	9.34B	7.65B	---	---	77.3	62.9A	---	---	---	24.3	11.3B	24
25	11.9B	9.29B	7.59B	---	---	76.4	---	---	---	---	23.5	11.2B	25
26	11.8B	9.20B	7.53B	---	---	78.7	---	---	---	---	22.5	11.0B	26
27	11.6B	9.15B	7.48B	---	---	87.7	---	---	---	---	22.3	10.9B	27
28	11.5B	9.06B	7.45B	---	---	104	---	---	---	---	22.2	10.8B	28
29	11.3B		7.42B	---	---	113	---	---	---	---	19.8B	10.6B	29
30	11.2B		7.39B	---	---	116	---	---	---	---	19.3B	10.5B	30
31	11.0B		7.36B		---		---	---		---		10.3B	31
TOTAL	408.7	282.24	250.17	---	---	4 588.9	---	---	---	---	---	413.9	TOTAL
MEAN	13.2	10.1	8.07	---	---	153	---	---	---	---	---	13.4	MEAN
MAX	15.6	11.0	9.00	---	---	311	---	---	---	---	---	18.7	MAX
MIN	11.0	9.06	7.36	---	---	76.4	---	---	---	---	---	10.3	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 09 50 N
LONG 60 03 34 W
DRAINAGE AREA, 2 060 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	35 300	JUL	---
FEB	24 400	AUG	---
MAR	21 600	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	396 000	DEC	35 800

ROCKY RIVER NEAR COLINET - STATION NO. 02ZK001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	33.4	9.08	8.66	39.0	8.45	2.85	17.5	2.82	4.05E	8.92	10.3	13.9	1
2	21.8	8.25	11.7	17.9	12.9	4.14	12.6	2.52	3.83E	7.61	8.56	11.8	2
3	19.1	7.66	10.7	13.4	16.5	3.02	9.18	2.43	3.60E	6.42	7.65	10.7	3
4	16.5	7.10B	13.0	12.0	18.2	2.67	7.05	2.24	3.40E	11.9	6.55	9.81	4
5	17.5	6.65B	13.5	9.84	15.6	2.74	7.12	3.53	3.15E	41.7	5.84	9.45	5
6	14.6	6.35B	12.7	9.06	12.6	2.40	13.2	3.84	3.82E	16.5	5.36	9.27	6
7	12.7	6.00B	13.8	8.68	10.3	3.02	39.3	3.23	4.60E	11.3	5.76	8.62	7
8	14.3	5.75B	11.9	7.90	11.8	26.1	25.0	3.02	3.91E	9.98	56.9	8.50	8
9	35.4	69.2	9.36	6.96	8.65	12.8	31.9	2.70	2.98E	11.2	27.0	8.66	9
10	19.6	87.7	7.93	6.17	7.36	9.92	26.3	2.47	2.09E	14.9	16.3	10.3	10
11	34.9	36.5	6.91	6.23	5.67	16.3	17.2	2.30	2.60E	21.0	12.2	14.0	11
12	37.2	24.5	6.10	6.37	4.96	10.2	15.4	2.06	7.10E	23.3	10.7	13.0	12
13	33.5	30.2	5.76	6.37	4.74	7.75	13.6	2.67	6.87A	18.9	10.5	10.5	13
14	62.7	19.0	5.34	6.02	4.05	5.73	11.3	17.1	6.22	12.9	9.06	8.54	14
15	31.4	14.8	7.15	7.21	3.59	4.62	41.0	11.2	6.59	10.1	7.69	7.32	15
16	25.4	11.3	10.6	14.1	3.41	4.17	41.1	6.49	5.55	8.20	9.57	34.2	16
17	27.0	9.66	8.90	8.90	3.29	3.78	20.4	5.19	10.5 A	58.7	12.3	50.5	17
18	22.4	8.38	18.6	6.88	2.91	3.20	14.0	51.4	9.80E	107	13.3	26.4	18
19	18.0 B	7.75	17.1	6.03	2.81	3.07	10.6	53.6	8.50E	55.3	18.5	18.0	19
20	15.7 B	7.36	11.9	5.54	2.58	2.84	8.44	27.7	23.8 E	32.4	16.4	16.3	20
21	13.7 B	6.87	11.8	5.26	2.34	2.73	6.87	18.2	17.8 A	23.1	12.2	14.5	21
22	12.0 B	6.23	11.0	5.40	2.12	19.5	5.96	12.8	10.8	17.4	34.2	11.6	22
23	11.1 B	5.97	9.28	7.39	2.09	21.9	5.48	9.08	7.80	13.7	28.3	10.4	23
24	10.0 B	5.59	7.93	9.41	2.16	10.6	5.06	7.40	32.9	11.5	20.0	9.00B	24
25	9.30B	5.33	7.23	17.6	2.07	7.47	4.23	6.50	41.3	10.0	15.7	8.00B	25
26	8.59	5.12	6.92	15.8	1.98	5.78	3.70	6.05A	23.8	8.63	17.1	7.40B	26
27	8.43	4.94	6.68	9.97	2.03	5.16	3.52	5.65E	15.8	8.22	26.9	6.75B	27
28	15.4	6.22	6.38B	8.24	2.12	9.54	3.19	5.30E	11.0	16.7	26.6	6.25B	28
29	14.6		6.02B	8.20	1.96	35.7	3.12	4.95E	8.67	35.8	19.6	5.96B	29
30	12.3		6.28	7.96	1.75	32.8	3.00	4.60E	9.09	19.8	16.4	5.83B	30
31	10.3		19.5		1.74		2.93	4.35E		13.4		6.80B	31
TOTAL	638.82	429.46	310.63	299.79	182.73	282.90	429.25	293.39	301.92	666.48	487.44	392.26	TOTAL
MEAN	20.6	15.3	10.0	9.99	5.89	9.43	13.8	9.46	10.1	21.5	16.2	12.7	MEAN
MAX	62.7	87.7	19.5	39.0	18.2	35.7	41.1	53.6	41.3	107	56.9	50.5	MAX
MIN	8.43	4.94	5.34	5.26	1.74	2.40	2.93	2.06	2.09	6.42	5.36	5.83	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.9
MAXIMUM DAILY, 107 ON OCT 18
MINIMUM DAILY, 1.74 ON MAY 31
MAXIMUM INSTANTANEOUS,
160 AT 19:45 NST ON FEB 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 13 29 N
LONG 53 34 06 W
DRAINAGE AREA, 285 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	55 200	JUL	37 100
FEB	37 100	AUG	25 300
MAR	26 800	SEP	26 100
APR	25 900	OCT	57 600
MAY	15 800	NOV	42 100
JUN	24 400	DEC	33 900

TOTAL DISCHARGE, 407 000 dam³

SALMON RIVER AT BAY D'ESPOIR POWERHOUSE - STATION NO. 02ZE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	200	201	200	255	182	254	164	243	164	196	261	264	1
2	211	219	211	242	191	239	165	185	151	209	280	253	2
3	251	214	205	221	184	232	196	203	178	191	266	247	3
4	230	211	190	207	244	236	202	184	162	197	272	229	4
5	221	251	208	168	251	232	205	149	141	236	280	203	5
6	234	261	221	203	202	221	233	170	131	254	260	202	6
7	231	251	235	208	206	216	203	167	121	233	217	226	7
8	185	195	218	206	217	228	211	135	140	253	186	198	8
9	210	207	255	222	193	237	220	76.1	175	249	205	185	9
10	300	219	249	240	176	248	222	87.5	171	253	220	197	10
11	215	234	233	264	203	259	206	59.0	164	246	216	190	11
12	231	182	225	277	196	280	213	81.3	206	272	209	224	12
13	225	230	208	304	202	244	212	107	146	250	250	233	13
14	222	241	175	285	223	220	239	152	156	255	244	273	14
15	228	247	184	283	209	247	225	152	119	247	194	271	15
16	240	286	192	302	176	261	225	143	125	248	225	248	16
17	250	234	191	274	174	263	229	173	153	253	242	263	17
18	208	195	219	257	190	251	224	194	199	254	222	281	18
19	239	199	266	257	211	231	206	192	206	250	214	276	19
20	230	204	242	247	202	212	234	210	147	231	254	267	20
21	239	185	264	237	206	189	229	227	166	229	252	250	21
22	244	176	235	233	193	211	220	217	184	227	196	293	22
23	246	193	237	248	167	218	239	209	182	228	229	288	23
24	194	196	233	225	203	179	197	224	180	212	211	262	24
25	185	179	241	205	227	182	157	223	178	210	186	182	25
26	226	177	229	168	215	187	156	194	197	254	215	226	26
27	202	206	225	196	213	201	194	179	194	246	242	300	27
28	169	208	224	174	228	156	183	206	231	255	243	315	28
29	182		205	169	241	156	178	213	261	260	239	326	29
30	196		225	202	200	164	130	140	249	279	391	320	30
31	222		254		189		238	164		285		297	31
TOTAL	6 866	6 001	6 899	6 979	6 314	6 654	6 355	5 258.9	5 177	7 462	7 121	7 829	TOTAL
MEAN	221	214	223	233	204	222	205	170	173	241	237	253	MEAN
MAX	300	286	266	304	251	280	239	243	261	285	391	326	MAX
MIN	169	176	175	168	167	156	130	59.0	119	191	186	182	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 216
MAXIMUM DAILY, 391 ON NOV 30
MINIMUM DAILY, 59.0 ON AUG 11

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 47 59 00 N
LONG 55 51 12 W
DRAINAGE AREA, 5 910 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	593 000	JUL	549 000
FEB	518 000	AUG	454 000
MAR	596 000	SEP	447 000
APR	603 000	OCT	665 000
MAY	546 000	NOV	615 000
JUN	575 000	DEC	676 000

TOTAL DISCHARGE, 6 820 000 dam³

DATA CONTRIBUTED BY -
NEWFOUNDLAND AND LABRADOR HYDRO

REGULATED SINCE 1967

NEWFOUNDLAND AND LABRADOR

SALMON RIVER AT ROUND POND - STATION NO. 02ZE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	275	159	201	94.0	263	184	199	186	191	151	248	124	1
2	292	165	207	90.4	308	178	194	182	190	148	243	122	2
3	282	171	217	117	402	168	180	181	188	149	238	125	3
4	271	184	228	113	511	162	162	182	187	162	237	136	4
5	257	199	237	125	552	162	145	183	184	187	246	146	5
6	242	208	245	137	483	163	132	182	184	212	267	165	6
7	232	212	253	160	401	172	124	182	185	216	291	206	7
8	228	213	252	195	348	190	113	182	181	211	310	246	8
9	227	218	244	217	294	196	109	177	175	201	302	284	9
10	221	236	237	225	247	193	96.6	168	174	187	288	307	10
11	222	251	231	220	208	190	96.4	151	180	174	266	308	11
12	236	243	225	208	186	185	102	136	183	154	244	292	12
13	238	236	226	188	177	183	108	131	181	143	215	260	13
14	219	231	238	163	175	186	119	125	180	140	190	233	14
15	195	209	255	150	179	185	141	110	181	135	172	205	15
16	174	181	261	148	186	177	154	96.6	180	132	164	189	16
17	159	159	258	147	195	162	180	89.1	178	148	159	191	17
18	145	143	251	151	202	152	196	105	176	169	162	206	18
19	136	133	248	165	206	144	203	99.2	173	196	178	200	19
20	131	131	231	179	206	141	207	101	186	220	179	183	20
21	127	130	208	190	203	142	208	109	203	224	168	174	21
22	122	130	183	208	201	154	206	122	211	216	161	169	22
23	117	131	159	229	198	164	205	131	209	207	160	174	23
24	112	135	142	242	196	177	204	145	198	198	157	176	24
25	110	146	135	250	198	187	200	159	187	208	149	179	25
26	110	161	133	250	187	191	196	165	189	213	146	183	26
27	118	177	130	249	178	194	191	174	181	219	140	184	27
28	128	195	126	249	168	198	191	185	165	228	133	187	28
29	131		117	246	168	198	190	187	155	241	129	191	29
30	141		105	241	173	198	188	189	153	245	127	203	30
31	150		107		181		187	189		253		230	31
TOTAL	5 748	5 087	6 290	5 546.4	7 780	5 276	5 127.0	4 703.9	5 488	5 887	6 069	6 178	TOTAL
MEAN	185	182	203	185	251	176	165	152	183	190	202	199	MEAN
MAX	292	251	261	250	552	198	208	189	211	253	310	308	MAX
MIN	110	130	105	90.4	168	141	96.4	89.1	153	132	127	122	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 190
MAXIMUM DAILY, 552 ON MAY 5
MINIMUM DAILY, 89.1 ON AUG 17
MAXIMUM INSTANTANEOUS,
566 AT 06:59 NST ON MAY 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 07 14 N
LONG 56 00 45 W
DRAINAGE AREA, 5 080 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	497 000	JUL	443 000
FEB	440 000	AUG	406 000
MAR	543 000	SEP	474 000
APR	479 000	OCT	509 000
MAY	672 000	NOV	524 000
JUN	456 000	DEC	534 000

TOTAL DISCHARGE, 5 980 000 dam³

SALMONIER RIVER NEAR LAMALINE - STATION NO. 02ZG003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.5	3.25 B	4.17	23.2	3.10	6.91	3.47	1.66	0.606	6.92	3.41	2.89	1
2	8.07	2.94 B	3.46	12.5	21.4	6.27	2.74	1.35	0.572	5.66	2.61	2.29	2
3	5.42	2.68 B	2.98	8.81	30.2	3.86	2.06	1.11	0.551	4.21	2.11	1.95	3
4	3.87	2.48 B	2.38	6.55	19.0	2.56	1.57	0.939	0.511	10.4	1.78	2.40	4
5	3.50B	2.30 B	2.24	4.54	12.5	1.94	1.37	2.05	0.455	11.2	1.55	2.64	5
6	2.63B	2.12 B	2.10	3.40	7.37	1.48	3.46	1.87	0.424	7.30	1.33	3.77	6
7	2.20B	1.98 B	1.71 B	3.03	9.63	3.47	23.6	1.67	0.448	4.72	1.24	4.26	7
8	1.87B	1.90 B	1.45 B	2.87	12.0	22.5	13.3	2.25	0.432	5.43	1.31	4.69	8
9	2.80B	4.40 B	1.24	2.44	7.49	11.3	21.9	2.60	0.397	4.71	1.27	4.40	9
10	4.00B	29.6	1.04	1.91	4.37	9.72	14.7	2.09	0.323	4.85	1.19	4.21	10
11	8.00B	11.0	0.977	1.64	2.92	9.52	8.05	1.81	0.415	6.33	1.31	4.73	11
12	17.4	6.70	0.923	1.57	2.17	6.14	4.75	1.52	0.639	4.96	7.66	5.31	12
13	10.1	4.00 B	0.863	1.84	1.66	3.83	3.06	1.47	0.585	3.33	8.78	3.89	13
14	11.4	2.90 B	0.833	1.79	1.37	2.69	2.40	3.66	0.585	2.52	6.00	2.87	14
15	7.05	2.20 B	2.65	2.04	1.19	1.95	43.1	2.98	0.654	2.10	3.85	2.33	15
16	4.87	1.79 B	5.23	3.25	1.07	1.53	42.7	2.37	0.615	1.70	6.04	26.8	16
17	4.42B	1.57 B	6.32	2.78	0.919	1.05	13.4	1.98	2.44	28.9	6.83	33.8	17
18	3.72B	1.35 B	24.5	2.66	1.10	1.29	5.78	3.51	2.75	71.9	11.8	14.6	18
19	3.18B	1.23 B	16.0	2.33	1.08	1.37	3.40	4.19	2.51	30.0	26.6	8.27	19
20	2.78B	1.16 B	7.83	1.98	0.851	1.16	2.31	3.76	40.6	11.3	17.6	7.06	20
21	2.48B	1.06 B	4.88	2.28	0.756	1.14	1.77	2.76	24.7	6.55	10.1	4.95	21
22	2.25B	1.00 B	3.15	7.74	0.692	4.53	1.67	2.03	9.46	4.19	21.0	3.65	22
23	2.00B	0.940B	1.67	7.85	0.649	4.88	1.97	1.64	4.94	3.14	13.9	4.06	23
24	1.78B	1.06 B	1.30	6.29	0.973	4.11	1.62	1.32	19.5	2.32	7.50	3.85	24
25	1.63B	1.19 B	1.24	5.83	1.97	3.06	1.28	1.14	22.5	2.81	4.34	3.36	25
26	1.53B	1.13 B	1.09 B	4.85	1.67	2.29	1.07	0.954	31.2	2.60	6.55	2.89	26
27	2.00B	1.00 B	1.01 B	3.50	1.57	3.71	0.939	0.839	14.4	3.03	12.7	2.58B	27
28	2.80B	3.50 B	0.970B	2.64	1.50	6.27	2.16	0.772	6.29	7.36	10.1	2.32B	28
29	4.40B		0.920B	2.11	1.36	4.81	2.94	0.698	5.27	17.6	6.30	2.10B	29
30	4.05B		0.880B	1.93	1.22	4.42	2.38	0.643	8.38	10.3	4.05	1.93B	30
31	3.70B		9.01		2.07		2.11	0.622		5.92		1.75B	31
TOTAL	154.40	98.430	115.016	136.15	155.820	139.76	237.029	58.257	203.152	294.26	210.81	176.60	TOTAL
MEAN	4.98	3.52	3.71	4.54	5.03	4.66	7.65	1.88	6.77	9.49	7.03	5.70	MEAN
MAX	18.5	29.6	24.5	23.2	30.2	22.5	43.1	4.19	40.6	71.9	26.6	33.8	MAX
MIN	1.53	0.940	0.833	1.57	0.649	1.05	0.939	0.622	0.323	1.70	1.19	1.75	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.42
MAXIMUM DAILY, 71.9 ON OCT 18
MINIMUM DAILY, 0.323 ON SEP 10
MAXIMUM INSTANTANEOUS,
85.6 AT 12:13 NST ON OCT 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 52 29 N
LONG 55 46 39 W
DRAINAGE AREA, 115 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 300	JUL	20 500
FEB	8 500	AUG	5 030
MAR	9 940	SEP	17 600
APR	11 800	OCT	25 400
MAY	13 500	NOV	18 200
JUN	12 100	DEC	15 300

TOTAL DISCHARGE, 171 000 dam³

SANDY BROOK AT SANDY BROOK POWERHOUSE - STATION NO. 02YO004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.5	5.27	15.7	7.67	19.8	7.99	7.53	0	1.02	10.3	17.9	16.8	1
2	17.6	7.67	18.5	13.9	37.4	9.71	5.07	0.085	2.66	6.26	16.3	17.8	2
3	17.2	10.4	18.7	12.7	52.7	8.89	6.20	0.793	2.83	11.7	13.3	18.0	3
4	13.3	12.6	16.6	19.1	78.4	10.2	4.33	1.05	2.32	11.7	16.6	12.5	4
5	15.6	11.3	16.4	19.0	77.6	3.96	5.95	1.56	0.198	18.7	10.5	16.8	5
6	11.9	10.5	14.6	29.2	57.8	6.80	1.90	1.19	6.03	19.7	15.0	16.8	6
7	15.3	13.0	18.0	39.1	43.6	5.13	6.12	1.33	1.50	22.6	5.80	13.2	7
8	13.7	14.6	19.2	45.9	42.2	16.4	1.98	0	1.53	19.6	16.9	27.4	8
9	13.2	15.1	19.2	40.8	33.7	11.7	10.7	0	0.765	21.9	17.6	25.0	9
10	11.0	18.8	18.6	36.5	40.5	9.34	0.566	0	0.765	21.9	7.36	25.2	10
11	16.6	17.6	18.5	36.0	27.7	9.97	1.98	2.24	2.10	21.0	17.7	26.2	11
12	16.7	19.0	13.3	33.1	23.1	7.36	2.27	0.906	0.595	21.9	19.3	34.3	12
13	17.5	22.9	15.7	25.5	20.3	9.26	0.651	4.16	1.27	21.9	16.1	30.0	13
14	16.2	34.8	9.34	17.9	19.1	5.80	17.3	0.765	4.81	19.9	3.14	21.0	14
15	16.8	37.4	13.4	22.3	18.9	10.4	0	3.51	0.736	19.1	14.9	20.8	15
16	18.2	26.9	9.68	24.0	19.3	6.14	1.98	1.47	0.736	18.8	10.7	22.4	16
17	16.2	21.7	10.4	20.4	8.30	14.4	2.18	0	0.934	18.8	10.5	28.1	17
18	15.3	18.7	15.0	19.3	15.1	0	3.20	7.25	1.76	20.3	17.3	32.3	18
19	15.3	18.8	19.2	19.3	8.35	24.3	3.14	5.69	1.56	30.6	14.1	26.1	19
20	15.4	18.3	18.0	18.3	10.1	4.93	2.10	6.31	2.55	28.9	19.0	23.7	20
21	11.4	16.4	16.1	15.9	7.53	7.19	3.40	3.45	0	30.9	18.8	21.0	21
22	11.1	12.5	17.5	19.2	9.91	15.6	5.97	4.87	3.54	24.0	18.8	19.4	22
23	10.3	15.5	15.4	16.9	6.51	21.8	0.708	3.51	3.20	19.0	19.9	18.7	23
24	9.88	16.4	15.4	17.7	7.76	11.5	0.396	6.82	3.14	18.9	26.7	18.7	24
25	8.47	15.4	15.5	18.8	15.4	10.9	3.28	5.78	3.45	17.2	21.7	16.5	25
26	9.17	15.4	7.84	18.8	12.8	11.5	2.24	1.53	10.6	18.6	18.5	15.4	26
27	7.08	15.4	15.4	18.7	6.99	3.88	1.93	3.17	0.906	18.8	18.5	5.55	27
28	8.61	15.4	8.33	18.7	10.2	11.5	3.43	4.28	3.17	14.6	18.5	11.9	28
29	4.64		9.66	18.8	11.2	4.13	1.81	3.09	10.4	18.8	18.7	2.35	29
30	6.77		12.1	19.1	11.5	8.83	0.934	3.82	7.05	18.4	9.49	11.4	30
31	7.31		12.1		10.1		4.84	5.80		18.8		7.42	31
TOTAL	399.23	477.74	463.35	682.57	763.85	289.51	114.085	84.429	82.125	603.56	469.59	602.72	TOTAL
MEAN	12.9	17.1	14.9	22.8	24.6	9.65	3.68	2.72	2.74	19.5	15.7	19.4	MEAN
MAX	18.2	37.4	19.2	45.9	78.4	24.3	17.3	7.25	10.6	30.9	26.7	34.3	MAX
MIN	4.64	5.27	7.84	7.67	6.51	0	0	0	0	6.26	3.14	2.35	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.8
MAXIMUM DAILY, 78.4 ON MAY 4
MINIMUM DAILY, 0 ON JUN 18

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 53 18 N
LONG 55 49 14 W
DRAINAGE AREA, 508 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	34 500	JUL	9 860
FEB	41 300	AUG	7 290
MAR	40 000	SEP	7 100
APR	59 000	OCT	52 100
MAY	66 000	NOV	40 600
JUN	25 000	DEC	52 100

TOTAL DISCHARGE, 435 000 dam³

DATA CONTRIBUTED BY -
NEWFOUNDLAND LIGHT AND POWER COMPANY LIMITED

REGULATED

SEAL COVE BROOK NEAR CAPPAHAYDEN - STATION NO. 02ZM009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.50	1.87	6.32	6.30	2.65	0.767	1.47	0.588	0.617	3.55	3.34	3.33	1
2	5.85	1.57	4.65	4.34	2.42	0.957	1.22	0.586	0.600	2.70	2.68	2.57	2
3	5.90	1.61	3.79	3.94	2.21	0.894	0.934	0.576	0.589	2.68	2.21	2.07	3
4	5.61	2.32	3.07	3.82	2.25	0.768	0.782	0.576	0.584	2.54	1.85	1.75	4
5	10.5	2.14	2.66	3.19	2.30	0.725	0.698	0.592	0.585	3.95	1.50	1.61	5
6	6.95	1.74	2.75	2.72	2.16	0.655	0.717	0.603	0.584	3.35	1.27	1.53	6
7	5.98	1.56	2.85	2.32	1.93	2.61	1.60	0.625	1.32	2.67	1.22	1.54	7
8	4.70	1.46	2.48	2.08	2.33	16.5	2.20	0.647	3.31	5.36	6.68	1.96	8
9	8.04	5.11	1.98	1.72	2.37	7.95	2.84	0.666	2.97	6.45	6.20	3.14	9
10	6.69	9.67	1.59	1.50	1.89	5.57	2.82	0.671	2.60	5.49	4.40	3.03	10
11	7.80	6.20	1.47	1.44	1.39	6.53	2.30	0.678	2.29	5.06	3.27	2.77	11
12	8.01	4.77	1.34	1.50	1.28	4.52	2.07	0.677	2.23	4.68	3.00	2.54	12
13	5.63	4.36	1.16	1.45	1.20	3.23	2.05	0.660	2.27	3.97	3.07	2.22A	13
14	4.91	3.41	1.01	1.35	1.05	2.54	1.79	0.774	2.46	3.17	2.70	2.00E	14
15	5.21	2.69	2.26	1.73	0.960	1.94	3.51	0.940	2.32	2.58	2.14	1.83E	15
16	10.3	2.04	4.21	3.87	0.804	1.55	4.99	0.842	1.96	1.97	2.89	2.52E	16
17	10.4	1.84	3.24	2.97	0.677	1.29	3.46	0.746	4.55	7.62	4.44	3.70E	17
18	6.01	1.59	4.81	2.24	0.669	1.13	2.60	2.91	5.02	9.26	5.45	5.34E	18
19	5.03	1.38	5.27	1.86	0.685	1.16	1.94	7.27	3.54	6.57	7.96	4.60E	19
20	3.75	1.25	3.93	1.65	0.627	0.972	1.46	4.67	3.11	4.83	7.03	3.75E	20
21	2.89	1.10	3.35	1.50	0.593	0.851	1.28	3.48	2.82	3.64	5.07	3.26A	21
22	2.46	1.03	2.84	1.63	0.551	1.44	1.11	2.62	2.26	2.86	8.03	2.89	22
23	2.19	0.932	2.14	2.47	0.525	3.14	0.945	1.96	1.79	2.35	9.18	2.58	23
24	1.97	0.877	2.04	3.10	0.675	2.68	0.810	1.46	8.54	1.94	6.39	2.27	24
25	1.73	0.821	2.08	16.9	1.91	1.99	0.689	1.32	15.2	1.63	4.69	1.93	25
26	2.03	0.778	1.99	14.4	2.48	1.57	0.643	1.00	10.0	1.45	8.09	1.61	26
27	4.20	1.09	1.82	8.76	1.84	1.27	0.615	0.839	6.57	1.52	16.5	1.48	27
28	4.05	7.62	1.78	5.82	1.45	1.45	0.608	0.768	4.92	2.72	11.2	1.19	28
29	3.28		1.56	4.18	1.11	1.90	0.613	0.724	4.25	9.21	7.01	1.07	29
30	2.67		1.88	3.12	0.868	1.76	0.594	0.691	3.91	6.65	4.63	1.13	30
31	2.23		3.32		0.743		0.582	0.653		4.59		1.20	31
TOTAL	164.47	72.828	85.64	113.87	44.597	80.309	49.940	41.812	103.769	127.01	154.09	74.41	TOTAL
MEAN	5.31	2.60	2.76	3.80	1.44	2.68	1.61	1.35	3.46	4.10	5.14	2.40	MEAN
MAX	10.5	9.67	6.32	16.9	2.65	16.5	4.99	7.27	15.2	9.26	16.5	5.34	MAX
MIN	1.73	0.778	1.01	1.35	0.525	0.655	0.582	0.576	0.584	1.45	1.22	1.07	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.05
MAXIMUM DAILY, 16.9 ON APR 25
MINIMUM DAILY, 0.525 ON MAY 23
MAXIMUM INSTANTANEOUS,
20.3 AT 13:40 NST ON APR 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 50 50 N
LONG 52 58 27 W
DRAINAGE AREA, 53.6 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	14 200	JUL	4 310
FEB	6 290	AUG	3 610
MAR	7 400	SEP	8 970
APR	9 840	OCT	11 000
MAY	3 850	NOV	13 300
JUN	6 940	DEC	6 430

TOTAL DISCHARGE, 96 100 dam³

NEWFOUNDLAND AND LABRADOR

SHEFFIELD RIVER NEAR TRANS CANADA HIGHWAY - STATION NO. 02YK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.00B	4.30B	10.3	6.82	46.5	8.47	7.77	3.03	7.16	4.85	11.4	10.3	1
2	8.20B	4.20B	10.6	6.72	55.9	7.92	7.19	2.95	6.72	4.85	10.7	9.81	2
3	7.90B	6.00B	10.6	8.08	65.8	7.35	6.60	2.97	6.19	5.44	10.3	9.58	3
4	7.40B	8.50B	10.4	9.53	73.2	7.00	6.19	3.07	5.70	10.1	9.78	10.8	4
5	7.00B	10.0 B	11.2	12.0	69.6	6.78	5.87	3.11	5.37	12.9	9.22	13.5	5
6	6.60B	9.00B	12.3	15.4	64.5	6.44	5.51	3.06	5.01	13.8	8.80	17.9	6
7	6.30B	8.30B	12.1	24.6	65.7	6.24	5.21	2.92	4.57	14.2	8.76	25.1	7
8	6.00B	7.90B	11.5	26.0	62.3	9.79	4.96	2.83	4.30	18.1	8.83	27.4	8
9	6.60B	7.50B	10.8	25.8	56.5	10.4	4.78	2.82	4.10	23.9	8.85	27.9	9
10	7.20B	7.30B	10.1	26.6	50.5	10.1	4.41	2.78	3.88	29.0	8.85	29.5	10
11	8.10B	8.90B	9.47	28.4	44.1	9.67	4.18	2.74	3.65	32.4	8.67	31.2	11
12	8.80B	10.2 B	8.93	26.8	38.2	9.38	3.89	2.71	3.43	33.1	8.50	29.2	12
13	9.50B	12.0 B	8.44	24.4	33.8	8.99	3.57	3.78	3.32	30.8	8.40	26.5	13
14	9.80B	15.2	8.01	22.0	30.3	8.45	3.63	3.81	3.39	27.4	8.04	23.4	14
15	9.10B	14.9	7.86	20.4	27.2	8.03	4.31	3.62	3.25	24.0	7.67	21.2	15
16	8.50B	14.2	7.70	19.2	24.5	7.64	4.49	3.62	3.12	20.9	7.52	20.0	16
17	8.20B	13.3	7.31	17.5	21.8	7.26	4.13	5.19	3.00	22.7	7.25	21.2	17
18	7.70B	12.3	8.86	16.2	19.7	6.92	3.83	11.0	2.91	26.6	8.99	20.0	18
19	7.30B	11.2	10.5	15.0	17.8	6.50	3.63	15.7	2.87	25.8	11.1	18.6	19
20	6.90B	10.3	10.5	14.4	16.0	6.13	3.66	16.1	3.36	23.9	11.9	17.2	20
21	6.55B	9.81	10.3	16.3	14.7	6.76	4.21	15.9	3.29	21.5	12.2	15.5	21
22	6.30B	9.48	10.0	24.1	13.3	11.0	4.46	15.1	3.15	19.3	13.2	14.0	22
23	6.10B	9.35	9.55	28.3	12.2	10.8	4.32	14.0	3.08	17.6	14.8	12.9	23
24	5.85B	9.70	9.18	29.1	11.4	11.2	4.03	13.0	3.18	16.2	14.9	11.6	24
25	5.55B	9.96	8.79	28.5	11.1	10.4	3.73	12.8	3.47	15.3	14.4	10.7	25
26	5.30B	10.2	8.39	27.3	10.8	10.3	3.51	11.9	3.77	14.2	13.7	9.68	26
27	5.10B	10.4	7.99	26.5	10.2	10.1	3.34	10.7	3.56	13.2	13.5	8.87	27
28	4.90B	10.4	7.58	26.3	9.89	9.55	3.89	9.98	3.42	12.8	12.9	8.10	28
29	4.75B		7.19	27.1	9.55	9.07	3.53	8.95	3.61	13.6	12.0	7.43	29
30	4.60B		6.98	36.6	9.25	8.38	3.23	8.27	4.71	13.2	11.1	7.00B	30
31	4.45B		6.88		8.90		3.11	7.66		12.2		6.70B	31
TOTAL	212.55	274.80	290.31	635.95	1 005.19	257.02	139.17	226.07	120.54	573.84	316.23	522.77	TOTAL
MEAN	6.86	9.81	9.36	21.2	32.4	8.57	4.49	7.29	4.02	18.5	10.5	16.9	MEAN
MAX	9.80	15.2	12.3	36.6	73.2	11.2	7.77	16.1	7.16	33.1	14.9	31.2	MAX
MIN	4.45	4.20	6.88	6.72	8.90	6.13	3.11	2.71	2.87	4.85	7.25	6.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.5
MAXIMUM DAILY, 73.2 ON MAY 4
MINIMUM DAILY, 2.71 ON AUG 12
MAXIMUM INSTANTANEOUS,
74.3 AT 12:19 NST ON MAY 4

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 20 11 N
LONG 56 39 56 W
DRAINAGE AREA, 391 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	18 400	JUL	12 000
FEB	23 700	AUG	19 500
MAR	25 100	SEP	10 400
APR	54 900	OCT	49 600
MAY	86 800	NOV	27 300
JUN	22 200	DEC	45 200

TOTAL DISCHARGE, 395 000 dam³

REMARKS - RECORDS PRIOR TO 1981 PUBLISHED UNDER STATION NO. 02YK003

SOUTH WEST BROOK NEAR BAIE VERTE - STATION NO. 02YM003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.550B	0.475B	2.30B	1.30B	23.5	1.06	0.777	0.064	0.312	4.05	1.25	1.63	1
2	0.730B	0.460B	2.48B	1.50B	23.9	0.991	0.598	0.062	0.293	2.68	1.20	1.42	2
3	0.900B	0.560B	2.71B	1.93	24.1	0.806	0.490	0.123	0.264	2.19	1.20	1.43	3
4	0.845B	1.69 B	3.30B	3.30	15.6	0.804	0.360	0.165	0.235	5.56	1.09	2.90	4
5	0.770B	4.00 B	4.80B	3.97	10.9	0.903	0.301	0.176	0.210	9.81	1.0	7.40	5
6	0.710B	3.30 B	7.00B	4.38	11.0	0.866	0.232	0.186	0.196	6.58	0.901	11.1	6
7	0.670B	2.62 B	6.34	8.47	20.6	0.855	0.228	0.215	0.189	4.44	1.07	23.1	7
8	0.620B	2.10 B	3.87	11.6	17.3	3.99	0.216	0.344	0.176	7.45	1.41	19.8	8
9	0.590B	1.86 B	2.81	9.04	10.0	5.27	0.195	0.411	0.177	39.2	1.63	11.7	9
10	0.560B	1.57 B	2.26	7.99	7.93	3.51	0.174	0.334	0.173	72.7	1.58	11.7	10
11	0.740B	1.40 B	1.91	9.29	6.41	3.34	0.160	0.283	0.169	59.0	1.39	14.6	11
12	0.960B	2.48 B	1.67	7.30	4.90	3.85	0.143	0.288	0.165	20.9	1.27	10.6	12
13	1.09 B	3.50 B	1.52	4.92	4.12	2.92	0.120	0.644	0.184	9.01	1.22	6.73	13
14	1.06 B	6.00 B	1.37	3.73	3.60	2.11	0.114	0.753	0.288	5.30	1.10	4.59	14
15	0.990B	4.42 B	1.25B	4.26	3.30	1.55	0.351	0.578	0.284	3.54	1.01	3.30	15
16	0.930B	3.50 B	1.33B	5.81	2.91	1.32	0.923	0.441	0.256	2.54	0.972	2.75	16
17	0.880B	2.90 B	1.47B	4.63	2.40	1.11	0.824	0.582	0.224	3.23	0.882	2.32 B	17
18	0.840B	2.38 B	2.40	3.35	2.06	1.01	0.535	2.70	0.220	8.13	1.43	2.12 B	18
19	0.795B	2.05 B	5.66	2.81	1.82	0.869	0.389	5.45	0.205	6.50	2.45	1.88 B	19
20	0.750B	1.90 B	5.80	3.34	1.90	0.707	0.289	5.24	0.613	4.27	2.76	1.69 B	20
21	0.715B	1.78 B	4.32	5.14	1.73	0.839	0.254	3.10	1.14	3.09	2.32	1.52 B	21
22	0.685B	1.85 B	3.00	12.4	1.52	4.10	0.211	1.90	0.895	2.42	3.04	1.40 B	22
23	0.660B	2.08 B	2.23	17.3	1.22	5.41	0.217	1.34	0.698	2.34	4.76	1.25 B	23
24	0.635B	2.40 B	1.90	9.85	1.10	7.48	0.178	1.07	0.566	2.12	4.45	1.15 B	24
25	0.610B	3.00 B	1.71	7.37	1.90	4.42	0.150	1.09	0.650	2.04	3.33	1.03 B	25
26	0.590B	4.00 B	1.54B	6.19	2.23	2.67	0.088	0.944	1.10	1.81	2.52	0.950B	26
27	0.560B	3.05 B	1.45B	7.27	1.95	2.13	0.068	0.761	1.13	1.59	2.33	0.890B	27
28	0.545B	2.70 B	1.32B	10.2	1.63	1.60	0.086	0.620	0.941	1.71	2.53	0.800B	28
29	0.525B		1.22B	12.4	1.56	1.23	0.086	0.515	0.914	1.92	2.13	0.740B	29
30	0.505B		1.13B	15.9	1.40	0.968	0.070	0.452	3.97	1.68	1.86	0.680B	30
31	0.495B		1.21B		1.15		0.065	0.374		1.42		0.640B	31
TOTAL	22.505	70.025	83.28	206.94	215.64	69.688	8.892	31.205	16.837	299.22	56.105	153.810	TOTAL
MEAN	0.726	2.50	2.69	6.90	6.96	2.29	0.287	1.01	0.561	9.65	1.87	4.96	MEAN
MAX	1.09	6.00	7.00	17.3	24.1	7.48	0.923	5.45	3.97	72.7	4.76	23.1	MAX
MIN	0.495	0.460	1.13	1.30	1.10	0.707	0.065	0.062	0.165	1.42	0.882	0.640	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.38
MAXIMUM DAILY, 72.7 ON OCT 10
MINIMUM DAILY, 0.062 ON AUG 2
MAXIMUM INSTANTANEOUS,
76.1 AT 12:04 NST ON OCT 10

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 37 N
LONG 56 13 22 W
DRAINAGE AREA, 93.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 940	JUL	768
FEB	6 050	AUG	2 700
MAR	7 200	SEP	1 450
APR	17 900	OCT	25 900
MAY	18 600	NOV	4 850
JUN	5 930	DEC	13 300

TOTAL DISCHARGE, 107 000 dam³

SOUTHERN BAY RIVER NEAR SOUTHERN BAY - STATION NO. 02ZJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.0 B	1.08 B	5.92	4.52	3.08	0.539	2.14	0.389	1.04	3.20	2.59	3.52	1
2	6.80B	1.03 B	7.53	4.82	5.59	0.515	1.87	0.367	0.905	2.59	2.13	2.79	2
3	5.20B	0.950B	8.29	6.77	9.61	0.455	1.47	0.337	0.757	2.24	1.89	2.41	3
4	4.05B	0.910B	8.23	8.97	13.3	0.448	1.21	0.315	0.655	2.92	1.56	2.18	4
5	3.58B	0.860B	8.90	9.58	13.6	0.404	1.13	0.442	0.544	5.67	1.48	1.75	5
6	3.08B	0.810B	9.44	9.67	10.2	0.427	0.954	0.381	0.484	6.56	1.30	1.59	6
7	2.72B	0.780B	9.91	10.3	7.67	0.566	0.922	0.358	0.449	5.30	1.29	1.61	7
8	3.42B	0.750B	8.78	10.8	6.34	1.94	1.11	0.399	0.427	4.21	1.47	1.61	8
9	4.05B	2.00 B	6.82	9.91	4.67	2.28	2.63	0.392	0.397	3.51	1.41	1.67	9
10	3.30B	11.0 B	5.13	7.48	3.70	2.74	3.25	0.405	0.362	3.01	1.41	1.62	10
11	4.60B	8.20 B	3.93	6.34	3.20	2.58	3.79	0.411	0.356	3.33	1.43	1.68	11
12	7.40B	5.70 B	3.14	5.99	2.45	2.36	2.89	0.461	2.43	8.98	1.45	1.86	12
13	5.95B	8.00	2.63	5.31	2.07	2.36	2.21	0.392	3.46	14.0	1.56	1.89	13
14	6.60B	7.48	2.40	4.77	1.93	1.79	1.68	0.813A	4.16	10.2	1.49	1.64	14
15	5.55B	6.60 B	2.24	3.90	1.72	1.43	2.36	0.756	3.44	6.88	1.38	1.47	15
16	4.62B	5.55 B	2.24	3.27	1.44	1.43	3.16	0.695	2.52	4.89	1.31	1.77	16
17	3.63B	4.88	2.08	2.96	1.26	1.18	3.19	0.743	1.98	7.04	1.24	3.56	17
18	6.40B	2.39	4.18	2.55	1.13	1.16	2.82	1.61	2.02	23.1	1.32	3.71	18
19	4.60B	2.13	5.73	2.51	0.979	1.03	2.09	2.06	1.59	22.5	1.98	3.68	19
20	3.90B	1.88	5.95	2.28	1.16	0.933	1.64	2.42	2.65	13.5	3.07	3.25	20
21	3.30B	1.69	5.66	2.04	1.18	0.992	1.39	2.37	3.09	8.03	3.62	2.58	21
22	2.92B	1.58	4.63	2.52	0.873	0.868	1.12	1.73	3.15	5.43	4.27	2.18 B	22
23	2.50B	1.52	4.16	3.50	0.789	0.804	0.925	1.48	2.91	4.10	4.52	1.82 B	23
24	2.20B	1.41	3.09	4.89	0.777	0.847	0.778	1.23	2.84	3.39	4.41	1.61 B	24
25	2.00B	1.33	2.74	5.44	0.783	0.606	0.701	1.49	3.51	2.74	3.61	1.45 B	25
26	1.80B	1.38	2.30	5.54	0.623	0.536	0.587	1.94	5.39	2.21	3.87	1.30 B	26
27	1.60B	1.35	2.09	4.80	0.701	0.840	0.484	2.29	5.63	1.97	7.25	1.18 B	27
28	1.50B	2.89	2.00B	4.09	0.596	1.12	0.432	2.07	4.89	1.97	7.73	1.08 B	28
29	1.40B		1.88B	3.58	0.537	1.38	0.442	1.71	3.59	3.01	6.96	1.00 B	29
30	1.30B		1.72	3.06	0.512	2.10	0.412	1.50	3.48	2.95	4.82	0.930B	30
31	1.18B		2.65		0.533		0.367	1.34		2.96		1.20 B	31
TOTAL	121.15	86.130	146.39	162.16	103.003	36.660	50.154	33.296	69.106	192.39	83.82	61.590	TOTAL
MEAN	3.91	3.08	4.72	5.41	3.32	1.22	1.62	1.07	2.30	6.21	2.79	1.99	MEAN
MAX	10.0	11.0	9.91	10.8	13.6	2.74	3.79	2.42	5.63	23.1	7.73	3.71	MAX
MIN	1.18	0.750	1.72	2.04	0.512	0.404	0.367	0.315	0.356	1.97	1.24	0.930	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.14
MAXIMUM DAILY, 23.1 ON OCT 18
MINIMUM DAILY, 0.315 ON AUG 4
MAXIMUM INSTANTANEOUS,
26.6 AT 21:20 NST ON OCT 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 22 44 N
LONG 53 40 36 W
DRAINAGE AREA, 67.4 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 500	JUL	4 330
FEB	7 440	AUG	2 880
MAR	12 600	SEP	5 970
APR	14 000	OCT	16 600
MAY	8 900	NOV	7 240
JUN	3 170	DEC	5 320

TOTAL DISCHARGE, 99 000 dam³

SOUTHWEST BROOK AT TERRA NOVA NATIONAL PARK - STATION NO. 02YS003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.23	0.355B	7.95	1.05	0.738	0.198	0.358	0.229	0.314	0.960	0.957	1.21	1
2	1.59	0.345B	4.66	0.861	2.78	0.194	0.254	0.232	0.250	0.886	0.884	1.03	2
3	1.20	0.335B	2.70	4.17	4.38	0.175	0.159	0.210	0.239	0.811	0.780	0.874	3
4	1.06 B	0.328B	3.04	5.04	6.55	0.160	0.141	0.194	0.234	1.01	0.723	0.737	4
5	0.900B	0.320B	5.34	4.37	4.79	0.147	0.138	0.194	0.228	3.32	0.646	0.981	5
6	0.800B	0.315B	7.07	3.48	2.54	0.147	0.148	0.221	0.218	1.70	0.613	1.34	6
7	0.740B	0.310B	5.68	4.03	1.63	0.169	0.145	0.399	0.193	1.13	0.638	1.97	7
8	1.21	0.308B	2.79	2.82	1.24	4.38	0.147	0.858	0.180	1.70	0.756	1.79	8
9	1.66	1.85	1.63	1.83	0.924	1.78	0.328	0.627	0.172	2.89	0.683	1.54	9
10	1.48	6.46	1.12	1.60	0.712	0.917	0.437	0.464	0.172	1.87	0.619	1.55	10
11	2.15	2.67	0.889	1.55	0.600	0.682	0.322	0.372	0.909	3.71	0.578	1.41	11
12	4.16	2.32	0.755	1.25	0.533	0.808	0.275	0.306	4.99	7.26	1.58	1.30	12
13	2.19	3.75 B	0.715	0.972	0.483	0.644	0.206	0.487	3.00	4.43	1.45	1.05	13
14	1.65 B	1.50 B	0.680	0.857	0.466	0.444	0.168	1.53	1.50	2.24	0.899	0.814	14
15	1.30 B	0.946	0.608	0.783	0.399	0.345	2.73	1.05	0.987	1.53	0.733	0.680	15
16	1.04 B	0.640B	0.692	0.740	0.377	0.303	4.73	0.684	0.716	1.24	0.648	1.00	16
17	0.860B	0.488	0.649	0.679	0.352	0.263	1.71	0.432	0.596	4.85	0.584	5.45	17
18	0.741	0.473	3.32	0.628	0.314	0.298	0.952	1.80	0.544	14.8	1.20	2.90	18
19	0.713	0.465B	3.55	0.570	0.264	0.363	0.643	2.51	0.513	6.90	3.44	1.58	19
20	0.650B	0.456	1.78	0.582	0.260	0.290	0.452	1.20	2.80	3.15	4.66	1.22	20
21	0.600B	0.447	1.22	0.589	0.233	0.237	0.362	0.773	2.36	1.80	2.94	0.941	21
22	0.560B	0.439	0.965	1.56	0.217	0.277	0.316	0.603	1.11	1.27	2.30	0.880	22
23	0.530B	0.509	0.802	2.31	0.199	0.269	0.276	0.532	0.859	0.983	1.93	0.712	23
24	0.500B	0.586	0.684	2.61	0.235	0.242	0.220	0.511	0.767	0.855	1.36	0.582	24
25	0.472B	0.638	0.589	2.12	0.303	0.199	0.204	2.79	1.52	0.850	1.02	0.534	25
26	0.455	0.677	0.526	1.81	0.306	0.157	0.189	1.46	3.66	0.794	1.04	0.492	26
27	0.425B	0.638	0.579	1.27	0.295	0.202	0.160	0.823	2.41	0.725	5.58	0.382	27
28	0.408B	5.39	0.783	0.970	0.291	0.308	0.186	0.601	1.31	0.703	3.94	0.354	28
29	0.390B		0.665	0.830	0.261	0.444	0.420	0.511	0.946	2.57	2.01	0.344	29
30	0.378B		0.777	0.735	0.259	0.477	0.275	0.446	1.04	1.72	1.42	0.330B	30
31	0.365B		0.800		0.221		0.230	0.338		1.15		0.320B	31
TOTAL	34.407	33.958	64.008	52.666	33.152	15.519	17.281	23.387	34.737	79.807	46.611	36.297	TOTAL
MEAN	1.11	1.21	2.06	1.76	1.07	0.517	0.557	0.754	1.16	2.57	1.55	1.17	MEAN
MAX	4.16	6.46	7.95	5.04	6.55	4.38	4.73	2.79	4.99	14.8	5.58	5.45	MAX
MIN	0.365	0.308	0.526	0.570	0.199	0.147	0.138	0.194	0.172	0.703	0.578	0.320	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.29
MAXIMUM DAILY, 14.8 ON OCT 18
MINIMUM DAILY, 0.138 ON JUL 5
MAXIMUM INSTANTANEOUS,
17.3 AT 10:00 NST ON OCT 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 36 25 N
LONG 53 58 50 W
DRAINAGE AREA, 39.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 970	JUL	1 490
FEB	2 930	AUG	2 020
MAR	5 530	SEP	3 000
APR	4 550	OCT	6 900
MAY	2 860	NOV	4 030
JUN	1 340	DEC	3 140

TOTAL DISCHARGE, 40 800 dam³

SPOUT COVE BROOK NEAR SPOUT COVE - STATION NO. 02ZL003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.17	0.278	1.05	0.757	0.357	0.086	0.626	0.107	0.120	0.473	0.367	0.411	1
2	0.834	0.262	1.01	0.697	0.363	0.094	0.486	0.111	0.106	0.397	0.333	0.363	2
3	0.673	0.264	0.911	0.805	0.397	0.080	0.409	0.099	0.091	0.341	0.313	0.316	3
4	0.677	0.418	1.05	0.946	0.470	0.061	0.336	0.071	0.074	0.327	0.282	0.288	4
5	0.464	0.513	1.49	0.806	0.613	0.040	0.280	0.091	0.066	0.353	0.271	0.281	5
6	0.436	0.429	1.54	0.773	0.642	0.037	0.266	0.101	0.052	0.354	0.239	0.266	6
7	0.328	0.370	1.62	0.709	0.535	0.062	0.371	0.093	0.052	0.328	0.276	0.282	7
8	0.328	0.345	1.05	0.597	0.479	1.62	0.472	0.106	0.059	0.410	2.27	0.312	8
9	0.551	1.12	0.675	0.524	0.393	1.17	8.27	0.100	0.056	0.550	1.70	0.358	9
10	0.499	4.98	0.549	0.467	0.352	0.847	4.32	0.083	0.049	0.818	0.986	0.428	10
11	0.713	1.84	0.431	0.385	0.301	0.913	1.47	0.067	0.068	1.48	0.639	0.649	11
12	1.36	0.966	0.381	0.342	0.259	0.843	0.829	0.050	0.409	1.32	0.553	0.741	12
13	1.16	1.63	0.339	0.338	0.235	0.647	0.632	0.043	0.639	1.02	0.431	0.663	13
14	2.59	1.11	0.308	0.309	0.208	0.512	0.504	0.114	0.561	0.762	0.388	0.514	14
15	1.48	0.749	0.297	0.323	0.199	0.423	0.747	0.111	0.433	0.590	0.346	0.432	15
16	0.895	0.558	0.308	0.327	0.185	0.351	1.17	0.090	0.388	0.463	0.306	0.693	16
17	0.655	0.459	0.283	0.323	0.161	0.285	0.868	0.065	0.370	1.11	0.312	1.68	17
18	0.646	0.407	0.508	0.289	0.151	0.295	0.645	0.487	0.361	3.81	0.401	1.15	18
19	0.632	0.384	0.754	0.279	0.156	0.324	0.493	1.41	0.336	2.53	0.957	0.751	19
20	0.516	0.345	0.590	0.267	0.126	0.303	0.397	0.833	0.640	1.22	1.02	0.676	20
21	0.432	0.317	0.549	0.248	0.100	0.249	0.354	0.609	0.697	0.726	0.787	0.514	21
22	0.373	0.287	0.516	0.288	0.085	0.333	0.323	0.455	0.512	0.540	1.19	0.425B	22
23	0.355	0.274	0.391	0.355	0.076	0.417	0.301	0.366	0.399	0.457	1.42	0.376B	23
24	0.325	0.259	0.346	0.388	0.097	0.407	0.246	0.298	0.473	0.393	0.945	0.336B	24
25	0.286	0.253	0.319	0.527	0.134	0.343	0.214	0.291	0.929	0.336	0.632	0.305B	25
26	0.266	0.237	0.295	0.623	0.137	0.283	0.203	0.258	1.16	0.290	1.06	0.279B	26
27	0.264	0.228	0.280	0.582	0.111	0.279	0.183	0.211	1.07	0.266	2.97	0.259B	27
28	0.340	0.611	0.259	0.501	0.098	0.275	0.163	0.184	0.754	0.279	1.45	0.240B	28
29	0.394		0.256	0.438	0.089	0.426	0.171	0.182	0.585	0.443	0.748	0.288B	29
30	0.355		0.249	0.387	0.083	0.700	0.125	0.144	0.531	0.474	0.534	0.217B	30
31	0.300		0.363		0.083		0.102	0.142		0.415		0.256	31
TOTAL	20.297	19.893	18.967	14.600	7.675	12.705	25.976	7.372	12.040	23.275	24.126	14.749	TOTAL
MEAN	0.655	0.710	0.612	0.487	0.248	0.424	0.838	0.238	0.401	0.751	0.804	0.476	MEAN
MAX	2.59	4.98	1.62	0.946	0.642	1.62	8.27	1.41	1.16	3.81	2.97	1.68	MAX
MIN	0.264	0.228	0.249	0.248	0.076	0.037	0.102	0.043	0.049	0.266	0.239	0.217	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.553
MAXIMUM DAILY, 8.27 ON JUL 9
MINIMUM DAILY, 0.037 ON JUN 6
MAXIMUM INSTANTANEOUS,
17.4 AT 14:22 NST ON JUL 9

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 48 43 N
LONG 53 09 15 W
DRAINAGE AREA, 10.8 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 750	JUL	2 240
FEB	1 720	AUG	637
MAR	1 640	SEP	1 040
APR	1 260	OCT	2 010
MAY	663	NOV	2 060
JUN	1 100	DEC	1 270

TOTAL DISCHARGE, 17 400 dam³

STE. GENEVIEVE RIVER NEAR FORRESTERS POINT - STATION NO. 02YA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.25B	3.39B	7.90B	5.40B	13.2	13.4	8.26	4.06	5.10	3.38	5.61	6.29	1
2	6.05B	3.35B	8.40B	5.70B	14.7	13.1	7.76	4.08	4.99	3.40	5.33	7.60B	2
3	5.90B	3.80B	9.00B	6.05B	16.5	12.6	7.24	4.29	4.98	3.56	5.14	7.91	3
4	5.70B	4.30B	9.70B	6.50B	16.4	12.4	7.02	4.32	4.81	5.61	4.97	9.18	4
5	5.55B	4.05B	10.5 B	6.80B	15.9	12.3	7.00	4.50	4.64	7.80	4.94	12.2	5
6	5.35B	3.88B	11.3 B	7.00B	16.8	12.0	6.84	4.39	4.50	8.07	5.15	12.9	6
7	5.25B	3.80B	10.3 B	7.30B	21.0	11.8	6.91	4.27	4.36	7.94	6.22	12.9	7
8	5.15B	3.70B	9.70B	7.65B	21.8	11.7	6.85	4.06	4.33	8.58	6.94	13.6	8
9	4.95B	3.55B	10.1 B	7.90B	20.8	11.5	6.68	3.95	4.21	10.9	6.87	13.2	9
10	4.82B	4.20B	8.70B	8.40B	19.3	11.2	6.48	3.82	4.02	10.4	6.57	13.4	10
11	4.70B	5.30B	8.30B	9.20B	18.9	11.0	6.27	3.70	3.90	9.34	6.31	14.7	11
12	4.61B	7.00B	7.95B	8.70B	19.5	10.7	6.16	3.63	3.75	8.63	6.09	15.3	12
13	4.50B	9.90B	7.60B	8.45B	19.9	10.7	5.94	3.53	3.68	8.20	6.54	15.4	13
14	4.35B	13.2 B	7.30B	8.20B	19.8	9.78	5.88	3.36	3.63	7.74	6.24	14.3	14
15	4.25B	12.8 B	7.05B	8.00B	19.6	10.1	6.00	3.15	3.59	7.12	5.41	14.3	15
16	4.15B	12.2 B	6.90B	7.85B	19.1	10.7	5.89	3.17	3.55	6.87	5.35	13.6	16
17	4.05B	11.5 B	6.65B	7.80B	18.8	10.6	5.59	4.87	3.48	6.95	5.30	13.7	17
18	4.01B	11.0 B	6.40B	7.85B	18.3	10.2	5.33	10.2	3.41	7.10	5.21	13.5	18
19	3.95B	10.6 B	6.25B	8.00B	17.5	9.75	5.09	14.2	3.30	7.27	5.59	13.1	19
20	3.87B	10.2 B	6.05B	8.06	17.0	9.47	5.03	13.2	3.33	7.36	5.58	12.8	20
21	3.80B	9.70B	5.95B	8.25	16.5	9.22	4.91	9.77	2.69	7.07	5.56	11.2 B	21
22	3.75B	9.40B	5.75B	9.45	16.2	8.98	4.93	8.31	2.29	7.03	5.97	10.3 B	22
23	3.70B	8.90B	5.55B	11.6	15.8	9.42	4.67	7.24	2.47	6.98	6.14	9.80B	23
24	3.67B	8.50B	5.45B	12.5	15.4	9.32	4.50	6.83	2.53	6.79	6.07	9.30B	24
25	3.61B	8.20B	5.35B	12.8	15.1	8.84	4.28	6.83	2.88	5.52	5.90	8.90B	25
26	3.58B	7.90B	5.25B	12.5	14.7	9.37	4.16	6.73	2.98	5.80	5.73	8.60B	26
27	3.53B	7.65B	5.15B	12.5	14.1	9.59	4.07	6.75	3.06	5.82	5.81	8.30B	27
28	3.50B	7.45B	5.05B	12.6	13.7	9.17	4.31	5.79	3.22	6.05	5.61	7.95B	28
29	3.48B		5.00B	12.4	13.1	9.21	4.25	5.47	3.18	5.89	6.19	7.70B	29
30	3.45B		4.90B	12.7	12.7	9.42	4.20	5.34	3.37	5.69	5.76	7.45B	30
31	3.42B		5.05B		12.5		4.12	5.19		6.04		7.35B	31
TOTAL	136.90	209.42	224.50	268.11	524.6	317.54	176.62	179.00	110.23	214.90	174.10	346.73	TOTAL
MEAN	4.42	7.48	7.24	8.94	16.9	10.6	5.70	5.77	3.67	6.93	5.80	11.2	MEAN
MAX	6.25	13.2	11.3	12.8	21.8	13.4	8.26	14.2	5.10	10.9	6.94	15.4	MAX
MIN	3.42	3.35	4.90	5.40	12.5	8.84	4.07	3.15	2.29	3.38	4.94	6.29	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.90
MAXIMUM DAILY, 21.8 ON MAY 8
MINIMUM DAILY, 2.29 ON SEP 22
MAXIMUM INSTANTANEOUS,
22.0 AT 01:26 NST ON MAY 8

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 08 18 N
LONG 56 47 32 W
DRAINAGE AREA, 306 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 800	JUL	15 300
FEB	18 100	AUG	15 500
MAR	19 400	SEP	9 520
APR	23 200	OCT	18 600
MAY	45 300	NOV	15 000
JUN	27 400	DEC	30 000

TOTAL DISCHARGE, 249 000 dam³

TERRA NOVA RIVER AT EIGHT MILE BRIDGES - STATION NO. 02YS001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	112 B	23.4B	43.9	42.7	42.1	21.2	11.5	16.3	23.1	69.0	54.1	44.3	1
2	88.0B	22.6B	45.2	41.0	50.2	20.3	11.2	15.2	21.8	70.9	49.3	41.9	2
3	72.0B	21.5B	45.9	50.4	73.5	19.5	10.6	14.2	20.5	69.4	45.6	39.2	3
4	62.0B	23.0B	48.8	61.9	118	18.5	9.94	13.4	19.0	71.9	42.9	36.9	4
5	52.0B	26.0B	54.6	75.8	159	17.6	9.80	12.9	17.4	86.5	40.7	36.5	5
6	47.0B	32.0B	62.1	90.1	194	16.2	10.2	12.5	16.4	94.1	38.3	38.1	6
7	42.0B	38.0B	71.0	106	198	15.0	10.1	12.3	15.5	101	36.5	39.1	7
8	37.5B	45.0B	69.7	117	172	19.5	10.3	13.0	14.5	103	35.2	41.9	8
9	33.0B	56.0B	66.2	117	145	20.2	11.7	13.0	13.5	99.7	34.0	47.5	9
10	35.5B	68.0B	60.5	110	126	19.0	12.7	12.8	12.6	92.4	32.7	50.1	10
11	39.0B	92.0B	55.3	102	108	18.2	11.9	12.5	18.2	89.5	31.6	52.9	11
12	43.0B	89.0B	50.9	96.9	94.0	18.0	11.6	12.5	25.4	86.0	33.9	56.5	12
13	47.5B	82.0B	47.0	87.3	83.5	17.4	11.6	14.0	21.9	79.0	34.4	56.5	13
14	56.0B	76.0B	44.0	76.1	74.8	17.0	11.7	18.1	18.8	71.3	33.8	53.9	14
15	50.5B	70.0B	42.3	66.2	66.3	16.5	24.0	18.4	17.0	66.5	33.7	51.6	15
16	48.5B	65.0B	40.0	61.9	59.5	15.8	31.3	18.4	15.5	60.2	33.7	52.5	16
17	46.0B	61.0B	37.7	56.4	53.7	15.3	28.6	19.2	14.4	72.8	33.7	65.5	17
18	43.0B	56.0B	45.7	52.2	48.5	14.6	28.1	24.3	13.6	134	36.1	66.2	18
19	41.0B	52.0B	50.1	49.2	44.1	14.4	28.2	30.1	12.9	167	43.2	66.3	19
20	38.5B	50.0B	52.2	47.3	41.0	13.9	28.5	31.4	18.9	187	48.0	67.7	20
21	36.5B	47.5B	59.3	45.1	37.6	13.2	28.5	33.1	20.3	190	50.6	66.5	21
22	34.9B	44.5B	57.3	42.9	34.8	12.8	28.2	35.2	18.3	175	54.5	63.1	22
23	33.4B	42.0B	53.4	43.6	32.9	12.8	27.3	35.4	17.6	150	57.1	57.9	23
24	32.2B	40.0B	50.9	44.6	31.2	12.6	25.8	36.4	20.5	123	57.9	54.0B	24
25	31.0B	38.2B	49.2	45.7	29.7	12.1	24.5	38.4	27.0	101	57.6	50.0B	25
26	29.6B	37.0B	46.5	46.6	27.9	11.8	23.3	36.0	35.3	87.7	60.2	46.0B	26
27	28.1B	39.0	42.9	46.5	26.8	11.4	21.6	33.5	40.7	76.6	59.9	43.0B	27
28	27.2B	40.2	40.5	45.6	25.7	11.2	20.4	30.6	49.4	68.1	56.1	39.0B	28
29	26.2B		38.5	44.6	24.3	11.4	19.5	28.4	58.8	67.0	51.9	36.0B	29
30	25.2B		37.7	42.9	23.1	11.5	18.0	26.6	66.3	62.2	47.7	33.5B	30
31	24.2B		39.2		22.1		17.1	24.8		57.8		31.5B	31
TOTAL	1 362.5	1 376.9	1 548.5	1 955.5	2 267.3	468.9	577.74	692.9	701.1	3 029.6	1 324.9	1 525.6	TOTAL
MEAN	44.0	49.2	50.0	65.2	73.1	15.6	18.6	22.4	23.4	97.7	44.2	49.2	MEAN
MAX	112	92.0	71.0	117	198	21.2	31.3	38.4	66.3	190	60.2	67.7	MAX
MIN	24.2	21.5	37.7	41.0	22.1	11.2	9.80	12.3	12.6	57.8	31.6	31.5	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 46.1
MAXIMUM DAILY, 198 ON MAY 7
MINIMUM DAILY, 9.80 ON JUL 5
MAXIMUM INSTANTANEOUS,
202 AT 00:30 NST ON MAY 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 26 30 N
LONG 54 22 21 W
DRAINAGE AREA, 1 290 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	118 000	JUL	49 900
FEB	119 000	AUG	59 900
MAR	134 000	SEP	60 600
APR	169 000	OCT	262 000
MAY	196 000	NOV	114 000
JUN	40 500	DEC	132 000

TOTAL DISCHARGE, 1 450 000 dam³

TIDES BROOK BELOW FRESHWATER POND - STATION NO. 02ZG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	27.5	5.42	7.67	11.6	5.42	3.12	5.55E	3.95E	2.32E	20.9 E	9.83	11.4 E	1
2	23.2	5.03	7.77	12.0	9.34	3.58	5.40E	3.90E	2.20E	17.5 E	8.93	10.0 E	2
3	19.9	4.83B	7.54	12.4	17.2	3.33	5.02E	3.72E	2.08E	15.3 E	7.95	9.30E	3
4	15.6	4.61B	7.09	11.3	18.3	3.13	4.79E	3.73E	1.95E	18.3 E	6.98	8.50E	4
5	14.0	4.40B	6.76	10.1	18.3	2.96	4.10E	3.90E	1.88E	29.0 E	6.16	7.80E	5
6	11.9	4.25B	6.37	9.61	16.1	2.86	4.85E	4.05E	1.80E	31.5 E	5.80	7.30E	6
7	10.3	4.08B	6.00	8.75	14.4	2.87	6.60E	4.30E	1.70E	29.0 E	5.95	6.85E	7
8	10.0	4.00B	5.65	7.84	13.6	5.70	9.00E	4.50E	1.64E	26.1 E	5.40	6.54A	8
9	11.7	12.3	5.41	7.11	12.1	6.10	10.5 E	4.65E	1.60E	23.5 E	5.30	8.00	9
10	10.6	23.4	5.10	6.78	10.7	6.84	11.5 E	4.75E	1.53E	20.5 E	4.92	8.09	10
11	14.5	20.7	4.85	5.89	9.42	10.3	12.2 E	4.74A	1.48E	18.0 E	4.78	7.75	11
12	19.8	18.5	4.56	5.38	8.22	10.5	10.8 E	4.63	1.44E	16.2 E	6.69	7.53	12
13	18.6	17.1	4.18	5.02	7.09	9.75	9.20E	4.28	1.40E	15.0 E	7.65	7.12	13
14	21.0	15.1	3.80	4.74	6.28	8.79	8.00E	4.17	1.38E	14.0 E	7.43A	6.49	14
15	18.6	12.5	4.79	5.23	5.74	7.89	11.0 E	3.97	1.40E	13.1 A	7.38E	6.02	15
16	15.9	10.6	6.05	5.47	5.17	6.91	13.4 E	3.73A	1.57E	11.0	7.20E	9.81	16
17	13.6	9.26	6.37	5.32	4.70	6.19	16.5 E	3.70E	1.83E	16.1	8.45E	16.7	17
18	12.0	8.27	16.0	5.10	4.27	5.86	13.5 E	4.20E	2.21E	45.6	9.55E	16.2	18
19	11.1	7.43	18.8	4.70	4.06	5.54	11.3 E	4.60E	2.65E	45.6	11.0 E	14.9	19
20	9.74	6.66	16.2	4.46	3.53	4.99	8.80E	5.45E	3.15E	36.5	12.3 E	14.2	20
21	8.67	6.07	13.8	4.36	3.20	4.63	7.50E	6.02E	3.90E	28.2	13.9 E	12.8	21
22	7.82	5.51	12.1	5.64	2.88	4.89	6.65E	5.58E	5.05E	21.8	14.9 E	11.1	22
23	6.98	5.18	10.6	6.49	2.65	5.32	6.20E	5.00E	6.65E	17.5	15.8 E	10.2	23
24	6.37	4.95	9.27	6.89	2.60	5.00	5.60E	4.50E	9.60E	15.1	15.0 E	9.52	24
25	5.84	4.72	8.15	6.91	3.07	4.73	5.20E	4.12E	15.0 E	12.3	14.3 E	8.62	25
26	5.35	4.54	7.30	6.97	3.25	4.39	4.82E	3.80E	31.0 E	10.6	12.7 E	7.76	26
27	5.28	4.27	6.52	6.50	3.24	4.65	4.40E	3.41E	28.0 E	9.43	12.9 E	6.90	27
28	6.17	6.12	5.74	6.08	3.08	5.49	4.05E	3.10E	23.5 E	9.68	13.1 E	6.20	28
29	6.33		5.35	5.67	2.82	5.62	3.80E	2.88E	19.1 E	12.9	13.0 E	5.56	29
30	6.15		4.95	5.79	2.65	5.79A	3.72E	2.68E	20.0 E	12.5	12.6 E	4.99	30
31	5.82		6.17		2.57		3.74E	2.50E		11.1		4.62	31
TOTAL	380.32	239.80	240.91	210.10	225.95	167.72	237.69	128.51	199.01	623.81	287.85	278.77	TOTAL
MEAN	12.3	8.56	7.77	7.00	7.29	5.59	7.67	4.15	6.63	20.1	9.60	8.99	MEAN
MAX	27.5	23.4	18.8	12.4	18.3	10.5	16.5	6.02	31.0	45.6	15.8	16.7	MAX
MIN	5.28	4.00	3.80	4.36	2.57	2.86	3.72	2.50	1.38	9.43	4.78	4.62	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.82
MAXIMUM DAILY, 45.6 ON OCT 18
MINIMUM DAILY, 1.38E ON SEP 14
MAXIMUM INSTANTANEOUS,
51.5 AT 18:43 NST ON OCT 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 07 38 N
LONG 55 15 54 W
DRAINAGE AREA, 166 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	32 900	JUL	20 500
FEB	20 700	AUG	11 100
MAR	20 800	SEP	17 200
APR	18 200	OCT	53 900
MAY	19 500	NOV	24 900
JUN	14 500	DEC	24 100

TOTAL DISCHARGE, 278 000 dam³

NEWFOUNDLAND AND LABRADOR

TORRENT RIVER AT BRISTOL'S POOL - STATION NO. 02YC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.19	4.75B	12.4	7.14	37.4	27.3	16.3	5.77	18.1	31.8	12.1	13.2	1
2	6.96	4.65B	12.4	6.89	53.5	29.3	15.4	6.05	16.4	35.4	12.0	12.6	2
3	6.79	4.80B	12.6	6.67	78.8	30.7	14.6	6.57	14.9	35.9	11.9	12.9	3
4	6.75B	5.00B	12.4	6.54	93.4	30.6	13.8	7.33	13.5	37.3	11.5	17.4	4
5	6.55B	5.50B	12.5	6.80	90.2	29.4	12.6	9.33	12.6	46.4	11.2	29.9	5
6	6.40B	6.00B	13.4	7.62	82.9	27.7	11.4	13.0	11.5	60.0	10.9	51.4	6
7	6.14	6.62	14.6	9.08	110	26.2	10.9	18.5	10.4	64.6	11.1	74.0	7
8	6.02	6.92	15.6	10.4	223	24.8	10.2	21.6	9.80	62.3	11.9	87.8	8
9	5.98B	7.27	16.0	12.5	254	23.7	9.54	22.4	9.16	62.4	15.2	84.6	9
10	5.90B	7.50B	15.8	15.7	189	22.8	8.94	21.5	8.52	86.9	20.2	74.9	10
11	5.75B	7.65B	15.4	20.1	146	21.5	8.41	20.1	8.03	101	24.4	64.5	11
12	5.65B	8.00B	15.1	27.3	130	20.7	7.81	18.7	7.48	87.4	26.2	55.8	12
13	5.52B	9.50B	14.2	31.4	115	19.9	7.37	17.5	6.98	69.4	26.4	46.4	13
14	5.51B	13.1	13.3	31.2	101	18.8	7.12	16.0	6.78	54.4	25.5	39.5	14
15	5.42	19.2	12.8	29.1	92.1	18.3	7.06	14.8	6.52	42.8	23.8	33.9	15
16	5.38	24.5	12.3	27.4	82.0	19.0	6.84	13.9	6.17	34.4	21.8	29.5	16
17	5.38	26.4	11.0	25.3	73.9	22.1	6.60	14.2	5.97	28.5	20.4	26.2	17
18	5.33	26.2	10.2	23.0	71.9	25.2	6.34	20.3	5.76	24.7	18.8	23.5	18
19	5.31	24.9	9.78	21.2	77.0	26.3	6.19	44.2	5.59	21.8	18.0	21.7	19
20	5.38	22.5	9.45	19.9	75.0	25.8	6.06	90.1	5.60	19.6	16.8	20.3	20
21	5.60	20.3	9.30	19.3	65.0	24.3	5.98	115	5.50	18.0	16.0	18.7	21
22	5.68	18.8	9.00	20.0	54.6	22.6	5.88	100	5.17	16.5	15.7	17.5	22
23	5.35	17.8	8.73	29.6	45.5	21.3	5.89	76.6	4.91	15.1	15.4	16.2	23
24	5.31	16.7	8.49	52.0	39.2	20.1	5.81	58.5	4.86	14.1	15.2	15.2	24
25	5.27	15.7	8.29	58.8	35.5	19.2	5.72	46.2	4.95	13.6	15.3	14.0B	25
26	5.20	14.6	8.11	54.9	33.3	17.9	5.65	37.7	5.13	13.0	15.1	13.2B	26
27	5.03	13.4	7.86	47.5	31.8	17.2	5.56	31.6	5.99	12.7	14.8	12.2B	27
28	4.91	12.8	7.67	42.1	29.9	16.9	5.54	26.9	10.6	12.5	14.5	11.1B	28
29	4.87		7.52	38.8	28.3	16.8	5.58	23.9	20.4	12.4	13.9	10.3B	29
30	4.83B		7.46	35.9	27.2	16.7	5.55	21.4	27.4	12.4	13.5	10.1B	30
31	4.80B		7.36		26.8		5.57	19.6		12.2		10.0	31
TOTAL	176.16	371.06	351.02	744.14	2 593.2	683.1	256.21	959.25	284.67	1 159.5	499.5	968.5	TOTAL
MEAN	5.68	13.3	11.3	24.8	83.7	22.8	8.26	30.9	9.49	37.4	16.7	31.2	MEAN
MAX	7.19	26.4	16.0	58.8	254	30.7	16.3	115	27.4	101	26.4	87.8	MAX
MIN	4.80	4.65	7.36	6.54	26.8	16.7	5.54	5.77	4.86	12.2	10.9	10.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 24.8
MAXIMUM DAILY, 254 ON MAY 9
MINIMUM DAILY, 4.65B ON FEB 2
MAXIMUM INSTANTANEOUS,
270 AT 03:40 NST ON MAY 9

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 36 27 N
LONG 57 09 04 W
DRAINAGE AREA, 624 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 200	JUL	22 100
FEB	32 100	AUG	82 900
MAR	30 300	SEP	24 600
APR	64 300	OCT	100 000
MAY	224 000	NOV	43 200
JUN	59 000	DEC	83 700

TOTAL DISCHARGE, 781 000 dam³

UGJOKTOK RIVER BELOW HARP LAKE - STATION NO. 03NF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	49.0B	33.7B	25.6B	21.0B	38.2E	850E	532E	358	205	---	---	63.7B	1
2	48.1B	33.4B	25.5B	20.8B	41.1E	934E	552E	341	197	---	---	62.3B	2
3	47.6B	33.1B	25.2B	20.8B	43.9E	963E	566E	326	185	---	---	60.9B	3
4	47.0B	32.8B	25.2B	20.7B	46.7E	991E	580E	307	178	---	---	59.5B	4
5	46.4B	32.6B	24.9B	20.7B	49.6E	1 020E	595E	293	168	---	---	58.0B	5
6	45.9B	32.0B	24.9B	20.5B	53.8E	1 050E	566E	274	160	---	---	57.5B	6
7	45.3B	31.7B	24.6B	20.5B	58.0E	1 080E	516	259	156	---	---	56.6B	7
8	44.7B	31.4B	24.4B	20.4B	62.3E	1 100E	471	246	151	---	---	56.1B	8
9	44.2B	30.9B	24.1B	20.4B	68.0E	1 090E	429	227	149A	---	---	55.2B	9
10	43.6B	30.6B	23.9B	20.4B	73.6E	1 080E	386	215	---	---	---	53.8B	10
11	43.0B	30.3B	23.8B	20.2B	79.3E	1 060E	359	201	---	---	---	52.4B	11
12	42.5B	30.0B	23.6B	20.2B	85.0E	1 050E	334	195	---	---	---	51.8B	12
13	41.9B	29.7B	23.5B	20.1B	93.4E	1 020E	308	192	---	---	---	51.0B	13
14	41.3B	29.4B	23.4B	20.1B	102 E	968A	281	203	---	---	---	50.1B	14
15	40.8B	29.2B	23.2B	20.0B	113 E	934E	262	221	---	---	---	49.6B	15
16	40.2B	28.9B	23.1B	20.0B	125 E	920E	251	222	---	---	---	48.1B	16
17	39.6B	28.6B	22.8B	19.8B	139 E	878E	252	220	---	---	---	47.6B	17
18	39.1B	28.3B	22.7B	19.8B	159 E	850E	249	237	---	---	---	46.7B	18
19	38.5B	28.3B	22.5B	19.7B	176 E	807E	245	250	---	---	82.1A	46.2B	19
20	37.9B	28.0B	22.4B	19.7B	193 E	765E	230	250	---	---	79.3B	45.3B	20
21	37.4B	27.8B	22.2B	21.0B	215 E	708E	220	238	---	---	77.9B	43.9B	21
22	37.1B	27.5B	22.1B	21.8B	241 E	680E	246	226	---	---	76.5B	43.0B	22
23	36.8B	27.2B	21.9B	23.2B	272 E	651E	377A	225	---	---	75.0B	42.5B	23
24	36.5B	26.9B	21.8B	24.9B	311 E	623E	395	272	---	---	73.6B	41.9B	24
25	36.2B	26.6B	21.7B	26.9B	340 E	595E	401	299	---	---	72.2B	41.3B	25
26	36.0B	26.3B	21.5B	28.3B	396 E	566E	379	293	---	---	70.8B	40.5B	26
27	35.4B	26.1B	21.4B	29.7B	453 E	538E	357	272	---	---	69.4B	39.9B	27
28	34.8B	25.8B	21.2B	31.1B	524 E	524E	365	251	---	---	68.0B	39.6B	28
29	34.5B		21.1B	34.0B	595 E	515E	385	238	---	---	66.5B	39.1B	29
30	34.3B		21.1B	36.8B	680 E	524E	392	229	---	---	65.1B	38.5B	30
31	34.0B		21.0B		765 E		386	214		---		37.9B	31
TOTAL	1 259.6	827.1	716.3	683.5	6 591.9	25 334	11 867	7 794	---	---	---	1 520.5	TOTAL
MEAN	40.6	29.5	23.1	22.8	213	844	383	251	---	---	---	49.0	MEAN
MAX	49.0	33.7	25.6	36.8	765	1 100	595	358	---	---	---	63.7	MAX
MIN	34.0	25.8	21.0	19.7	38.2	515	220	192	---	---	---	37.9	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 14 00 N
LONG 61 17 57 W
DRAINAGE AREA, 7 570 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	109 000	JUL	1 030 000
FEB	71 500	AUG	673 000
MAR	61 900	SEP	---
APR	59 100	OCT	---
MAY	570 000	NOV	---
JUN	2 190 000	DEC	131 000

UPPER HUMBER RIVER NEAR REIDVILLE - STATION NO. 02YL001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	25.3B	21.2B	60.0B	27.5	261	131	49.6	24.8	24.0	184	55.4	36.3	1
2	24.6B	21.0B	64.0B	26.7	344	131	43.6	21.4	21.7	161	49.2	31.5	2
3	23.9B	22.0B	61.0B	37.4	451	120	36.3	20.5	19.6	130	45.8	33.3	3
4	23.3B	25.0B	56.0B	57.9	502	102	31.7	22.9	18.0	174	42.5	52.1	4
5	23.0B	30.0B	51.5B	82.5	419	93.3	27.4	27.4	16.4	273	40.4	128	5
6	22.5B	50.0B	46.0B	102	304	117	23.7	27.6	14.8	246	38.7	225	6
7	22.0B	90.0B	41.5B	160	309	121	21.7	27.1	13.2	177	44.6	304	7
8	21.3B	85.0B	37.0B	200	509	149	20.0	25.2	11.9	156	79.3	390	8
9	20.9B	74.0B	34.5B	210	569	227	19.0	22.9	10.9	225	129	361	9
10	23.0B	66.0B	32.0B	192	427	235	17.6	21.6	10.2	310	134	276	10
11	26.3B	62.0B	29.5B	168	376	173	16.0	19.8	9.67	300	111	235	11
12	32.0B	60.0B	27.5B	158	345	126	14.4	18.7	9.36	229	90.9	193	12
13	37.2B	67.0B	26.5B	138	303	96.3	12.9	22.4	9.53	158	80.4	143	13
14	42.5B	79.0B	24.5B	112	297	77.2	12.5	26.9	10.5	112	68.7	107	14
15	50.0B	100 B	23.2B	96.1	288	63.1	22.4	32.7	11.2	85.3	59.1	86.5	15
16	47.0B	110 B	21.3B	91.3	256	53.4	42.9	32.6	11.3	70.4	54.8	73.0	16
17	44.5B	94.0B	22.5B	80.9	240	46.7	57.6	47.3	11.3	66.3	49.4	89.7	17
18	41.5B	73.0B	25.5B	72.7	261	42.7	51.3	155	11.0	94.4	62.5	81.5	18
19	39.5B	60.3B	43.1	62.7	292	39.8	40.4	250	10.5	98.1	74.0	67.5	19
20	37.5B	56.0B	56.7	56.6	266	37.0	34.2	263	19.1	82.8	75.5	57.0	20
21	35.0B	51.0B	55.7	87.0	196	36.0	30.6	189	45.2	74.0	63.2	45.9	21
22	33.2B	50.0B	47.5	170	144	65.3	28.5	124	69.5	68.7	58.2	40.0B	22
23	31.5B	55.0B	39.4	276	123	91.9	26.2	87.4	69.7	63.7	64.0	34.0B	23
24	29.9B	62.0B	34.9	280	120	111	23.4	69.6	62.8	59.9	68.7	30.0B	24
25	28.3B	66.0B	31.0	222	124	113	20.9	61.0	58.9	62.4	66.0	27.5B	25
26	26.9B	65.0B	27.9	166	129	98.6	18.4	52.1	74.6	66.7	56.9	25.0B	26
27	25.5B	60.0B	27.6	132	132	87.9	16.3	44.8	84.0	64.3	49.3	23.0B	27
28	24.5B	56.0B	26.1	123	124	78.1	20.8	38.8	82.3	64.6	46.0	21.0B	28
29	23.4B		25.1	129	117	67.3	30.2	33.7	84.4	75.2	40.9	19.5B	29
30	22.8B		25.6	174	121	57.7	37.4	30.3	121	74.2	39.8	18.2B	30
31	21.8B		28.0		127		31.5	26.6		64.4		17.0B	31
TOTAL	930.6	1 710.5	1 152.6	3 891.3	8 476	2 988.3	879.4	1 867.1	1 026.56	4 070.4	1 938.2	3 271.5	TOTAL
MEAN	30.0	61.1	37.2	130	273	99.6	28.4	60.2	34.2	131	64.6	106	MEAN
MAX	50.0	110	64.0	280	569	235	57.6	263	121	310	134	390	MAX
MIN	20.9	21.0	21.3	26.7	117	36.0	12.5	18.7	9.36	59.9	38.7	17.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 88.2
MAXIMUM DAILY, 569 ON MAY 9
MINIMUM DAILY, 9.36 ON SEP 12
MAXIMUM INSTANTANEOUS,
603 AT 03:49 NST ON MAY 9

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 14 26 N
LONG 57 21 45 W
DRAINAGE AREA, 2 110 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	80 400	JUL	76 000
FEB	148 000	AUG	161 000
MAR	99 600	SEP	88 700
APR	336 000	OCT	352 000
MAY	732 000	NOV	167 000
JUN	258 000	DEC	283 000

TOTAL DISCHARGE, 2 780 000 dam³

WATERFORD RIVER AT KILBRIDE - STATION NO. 02ZM008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.13	1.44 E	8.20E	4.53	1.89	0.656	0.726	0.652	0.452	1.70	2.35	1.97	1
2	2.28	1.38 E	4.51E	2.43	2.22	0.717	0.565	0.537	0.435	1.41	2.18	1.72	2
3	2.04	1.15 E	2.87A	3.75	1.81	0.518	0.478	0.472A	0.406	1.28	2.11	1.50	3
4	1.72	1.50 E	3.84	3.44	1.85	0.482	0.395	0.478	0.391	3.61	2.03	1.45	4
5	3.54	2.20 E	6.12	3.15	2.36	0.429	1.02	0.745	0.363	3.96	1.77	1.41	5
6	2.46	1.50 E	6.40	3.50	1.92	0.356	1.02	0.560	0.367	2.11	1.66	2.60	6
7	1.68	1.20 E	5.65	3.60	1.60	0.490	1.70	1.00	0.886	1.72	2.72	3.37	7
8	3.26	1.00 E	3.03	2.61	1.48	3.61	1.15	0.743	1.36	2.82	14.8	2.44	8
9	7.84	7.60 E	2.21	1.99	1.20	1.64	7.93	0.626	0.794	2.81	4.43	2.23	9
10	3.17	11.0 E	1.82	1.81	1.05	2.43	4.60	0.567	0.633	22.8	3.02	3.14	10
11	10.8	3.43 E	1.55	1.83	1.04	5.51	2.00	0.485	0.740	11.1	2.55	3.42	11
12	6.49	4.00 E	1.29	1.68	0.950	3.39	2.27	0.482	5.41	22.6	2.37	2.51	12
13	4.25A	5.95 E	1.22	1.59	0.834	2.34	2.78	0.595	2.44	6.82	2.19	1.92	13
14	3.70E	3.40 E	1.12	1.50	0.754	1.65	1.52	1.46	1.98	4.20	2.03	1.62	14
15	3.20E	2.60 E	5.70	2.55	0.719	1.21	4.20	0.725	1.57	3.23	1.99	1.44	15
16	3.00E	2.10 E	5.88	3.73	0.628	1.10	4.50	0.542	1.30	2.98	2.46	4.49	16
17	3.60E	1.80 E	2.75	1.93	0.598	0.919	2.08	0.502	3.69	19.6	3.22	4.95	17
18	3.30E	1.60 E	10.6	1.57	0.644	0.905	1.32	2.55	2.24	12.3	2.92	2.30	18
19	4.20E	1.35 E	4.97	1.37	0.503	0.999	0.987	2.44	1.61	5.71	6.16	2.03	19
20	3.18E	1.20 E	2.95	1.33	0.512	0.927	0.842	1.53	3.52	3.89	4.21	2.31	20
21	2.20E	1.05 E	2.46	1.38	0.477	0.743	0.777	1.19	2.20	3.11	3.17	1.79	21
22	1.60E	0.970E	2.04	2.84	0.464	1.45	0.667	0.866	1.58	2.65	5.70	1.46	22
23	1.30E	0.880E	1.80	3.62	0.465	1.83	0.628	0.709	1.35	2.42	4.36	1.55	23
24	1.35E	0.810E	1.56	3.86	1.06	1.21	0.522	0.703	4.95	2.24	3.14	1.30	24
25	1.20E	0.740E	1.34	6.11	1.30	0.892	0.447	1.21	8.57	2.06	2.63	1.13	25
26	1.05E	0.680E	1.26	4.58	1.13	0.757	0.456	0.935	3.78	1.98	37.4	0.900B	26
27	1.30E	0.709E	1.35	2.96	0.799	0.588	0.412	0.710	2.38	2.32	14.5	0.820B	27
28	2.50E	11.8 E	1.42	2.20	0.624	0.631	0.365	0.586	1.80	4.57	4.78	0.760B	28
29	3.00E		1.24	1.86	0.575	0.783	0.462A	0.534	1.71	6.80	3.03	0.660B	29
30	2.00E		1.59	1.69	0.547	0.869	0.770E	0.452	2.27	3.46	2.34	0.600B	30
31	1.62E		2.94		0.570		1.31 A	0.448		2.57		0.880	31
TOTAL	96.96	75.039	101.68	80.99	32.573	40.031	48.899	26.034	61.177	170.83	148.22	60.670	TOTAL
MEAN	3.13	2.68	3.28	2.70	1.05	1.33	1.58	0.840	2.04	5.51	4.94	1.96	MEAN
MAX	10.8	11.8	10.6	6.11	2.36	5.51	7.93	2.55	8.57	22.8	37.4	4.95	MAX
MIN	1.05	0.680	1.12	1.33	0.464	0.356	0.365	0.448	0.363	1.28	1.66	0.600	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.58
MAXIMUM DAILY, 37.4 ON NOV 26
MINIMUM DAILY, 0.356 ON JUN 6
MAXIMUM INSTANTANEOUS,
97.9 AT 16:37 NST ON NOV 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 31 47 N
LONG 52 44 34 W
DRAINAGE AREA, 54.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 380	JUL	4 220
FEB	6 480	AUG	2 250
MAR	8 790	SEP	5 290
APR	7 000	OCT	14 800
MAY	2 810	NOV	12 800
JUN	3 460	DEC	5 240

TOTAL DISCHARGE, 81 500 dam³

NEWFOUNDLAND AND LABRADOR

WATERFORD RIVER AT MOUNT PEARL - STATION NO. 02ZM010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.07	0.618	0.245E	0.220	0.187	0.183	0.544	0.605	0.403	1
2	---	---	---	0.639	0.673	0.265E	0.189	0.156	0.178	0.431	0.525	0.309	2
3	---	---	---	1.08	0.510	0.230E	0.157	0.139	0.178	0.409	0.479	0.262	3
4	---	---	---	0.920	0.596	0.195E	0.141	0.130	0.167	1.02	0.394	0.229	4
5	---	---	---	0.919	0.660	0.172E	0.371	0.227	0.164	1.31	0.362	0.229	5
6	---	---	1.62 A	0.947	0.506	0.230E	0.343	0.155	0.156	0.712	0.328	0.614	6
7	---	---	1.53	0.931	0.411	0.310E	0.562	0.255	0.377	0.551	0.695	0.913	7
8	---	---	0.829	0.707	0.372	1.34 E	0.386	0.220	0.527	0.764	3.53	0.618	8
9	---	---	0.621	0.525	0.309	0.620E	2.83	0.180	0.325	0.825	1.20	0.543	9
10	---	---	0.486	0.489	0.246	1.10 E	1.42	0.157	0.269	6.40	0.697	0.828	10
11	---	---	0.427	0.473	0.227	2.00 E	0.704	0.152	0.304	3.99	0.515	1.04	11
12	---	---	0.394	0.432	0.202	1.13 A	0.709	0.141	2.52	5.93	0.500	0.703	12
13	---	---	0.356	0.431	0.184	0.576	0.678	0.199	1.03	2.42	0.434	0.455	13
14	---	---	0.313	0.452	0.182	0.387	0.502	0.586	0.863	1.32	0.373	0.347	14
15	---	---	1.71	0.741	0.161	0.342	1.36	0.280	0.627	0.864	0.347	0.274	15
16	---	---	1.32	0.811	0.143	0.308	1.22	0.222	0.517	0.760	0.557	1.10	16
17	---	---	0.741	0.534	0.148	0.260	0.639	0.199	1.51	6.78	0.810	1.24	17
18	---	---	4.49	0.409	0.130	0.293	0.450	0.789	0.979	4.59	0.740	0.577	18
19	---	---	1.29	0.375	0.130	0.308	0.377	0.791	0.658	2.09	1.52	0.437	19
20	---	---	0.813	0.353	0.129	0.253	0.324	0.530	1.36	1.25	1.09	0.528	20
21	---	---	0.629	0.361	0.120	0.234	0.306	0.810	0.904	0.941	0.769	0.399	21
22	---	---	0.535	0.820	0.107	0.617	0.285	0.303	0.569	0.709	1.67	0.294	22
23	---	---	0.458	0.949	0.105	0.505	0.268	0.244	0.440	0.607	1.21	0.303	23
24	---	---	0.405	0.902	0.370	0.334	0.210	0.313	1.84	0.534	0.833	0.237	24
25	---	---	0.371	1.39	0.620E	0.248	0.202	0.608	2.77	0.464	0.652	0.170	25
26	---	---	0.382	1.04	0.450E	0.206	0.194	0.404	1.35	0.441	10.6	0.131	26
27	---	---	0.398	0.684	0.360E	0.189	0.179	0.304	0.814	0.595	4.04	0.108B	27
28	---	---	0.406	0.526	0.300E	0.233	0.182	0.241	0.560	1.71	1.32	0.084B	28
29	---		0.341	0.453	0.250E	0.301	0.186	0.224	0.554	2.68	0.739	0.080B	29
30	---		0.399	0.421	0.210E	0.278	0.169	0.209	0.769	1.14	0.527	0.078B	30
31	---		0.961		0.222E		0.192	0.192		0.726		0.106	31
TOTAL	---	---	---	20.784	9.651	13.709	15.955	9.147	23.462	53.507	38.061	13.639	TOTAL
MEAN	---	---	---	0.693	0.311	0.457	0.515	0.295	0.782	1.73	1.27	0.440	MEAN
MAX	---	---	---	1.39	0.673	2.00	2.83	0.791	2.77	6.78	10.6	1.24	MAX
MIN	---	---	---	0.353	0.105	0.172	0.141	0.130	0.156	0.409	0.328	0.078	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM INSTANTANEOUS,
26.7 AT 16:11 NST ON NOV 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 31 20 N
LONG 52 48 25 W
DRAINAGE AREA, 17.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 380
FEB	---	AUG	790
MAR	---	SEP	2 030
APR	1 800	OCT	4 620
MAY	834	NOV	3 290
JUN	1 180	DEC	1 180

WATERFORD RIVER NEAR DONOVANS INDUSTRIAL PARK - STATION NO. 02ZM011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0.047	0.062	0.056	0.097	0.520E	0.222	0.212A	1
2	---	---	---	---	---	0.039	0.038	0.044	0.105	0.370E	0.194	0.163E	2
3	---	---	---	---	---	0.026	0.032	0.036	0.103	0.186E	0.180	0.124E	3
4	---	---	---	---	---	0.020	0.026	0.035	0.103E	0.330E	0.144	0.118E	4
5	---	---	---	---	---	0.018	0.119	0.081	0.102E	0.844A	0.119	0.115E	5
6	---	---	---	---	---	0.336A	0.017	0.102	0.063	0.100E	0.442	0.101	0.300E	6
7	---	---	---	---	---	0.156	0.062	0.225	0.106	0.150E	0.350A	0.294	0.860E	7
8	---	---	---	---	---	0.138	0.537	0.132	0.095	0.500E	0.637A	2.18	0.600E	8
9	---	---	---	---	---	0.106	0.167	1.90	0.078	0.310E	0.518	0.654	0.460E	9
10	---	---	---	---	---	0.081	0.487	0.946	0.063	0.250E	4.26	0.282	0.494A	10
11	---	---	---	---	---	0.067	0.824	0.325	0.055	0.229A	2.79	0.188	0.686	11
12	---	---	---	---	---	0.056	0.486	0.323	0.047	2.20	4.00	0.181	0.448	12
13	---	---	---	---	---	0.049	0.219	0.316	0.088	0.884	1.48 A	0.143A	0.249A	13
14	---	---	---	---	---	0.044	0.209A	0.197	0.352	0.698	0.799	0.096E	0.186E	14
15	---	---	---	---	---	0.040	0.111	0.834	0.126	0.471	0.539	0.078E	0.260E	15
16	---	---	---	---	---	0.039	0.106	0.775	0.083	0.396	0.429	0.130E	0.891A	16
17	---	---	---	---	---	0.032	0.077	0.316	0.076	1.26	4.80	0.223E	0.835	17
18	---	---	---	---	---	0.029	0.091	0.176	0.484	0.744	3.25	0.170E	0.314	18
19	---	---	---	---	---	0.029	0.106	0.133	0.551	0.456	1.33	0.340E	0.239	19
20	---	---	---	---	---	0.023	0.076	0.113	0.358	1.14	0.719	0.270E	0.305	20
21	---	---	---	---	---	0.019	0.068	0.107	0.259	0.665A	0.456	0.170E	0.214	21
22	---	---	---	---	---	0.016	0.251	0.099	0.204A	0.294E	0.314	0.440E	0.158	22
23	---	---	---	---	---	0.014	0.203	0.096	0.165E	0.220E	0.249	0.350E	0.155	23
24	---	---	---	---	---	0.105	0.106	0.077	0.182A	1.60 E	0.203	0.240E	0.128	24
25	---	---	---	---	---	0.100	0.063	0.066	0.487	2.16 E	0.174	0.170E	0.107B	25
26	---	---	---	---	---	0.078	0.043	0.055	0.428	1.10 E	0.159	7.78 E	0.096B	26
27	---	---	---	---	---	0.053	0.031	0.049	0.199	0.800E	0.221	2.79 A	0.088B	27
28	---	---	---	---	---	0.041	0.047	0.053	0.152	0.400E	1.00	0.786A	0.075B	28
29	---		---	---	---	0.031	0.090	0.057	0.127	0.250E	1.75	0.494E	0.067B	29
30	---		---	---	---	0.025	0.084	0.044	0.112	0.750E	0.613	0.319A	0.062B	30
31	---		---			0.031		0.053	0.103		0.309		0.078B	31
TOTAL	---	---	---	---	---	4.711	7.846	5.295	18.537	34.041	19.728	9.083	TOTAL
MEAN	---	---	---	---	---	0.157	0.253	0.171	0.618	1.10	0.658	0.293	MEAN
MAX	---	---	---	---	---	0.824	1.90	0.551	2.20	4.80	7.78	0.891	MAX
MIN	---	---	---	---	---	0.017	0.026	0.035	0.097	0.159	0.078	0.062	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM INSTANTANEOUS,
11.3 ON NOV 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 31 41 N
LONG 52 49 42 W
DRAINAGE AREA, 11.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	678
FEB	---	AUG	457
MAR	---	SEP	1 600
APR	---	OCT	2 940
MAY	---	NOV	1 700
JUN	407	DEC	785

AROOSTOOK RIVER NEAR TINKER - STATION NO. 01AG003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	59.6B	20.2B	265	231B	241	172	65.2	18.8	68.4	172	365	68.4	1
2	51.4B	35.9B	240	294B	235	167	54.6	15.6	60.3	156	303	87.5	2
3	40.3B	38.5B	209	340B	213	152	46.5	47.7	57.3	129	215	116	3
4	44.5B	56.8B	175	374B	191	119	42.3	32.3	47.9	155	203	129	4
5	53.7B	63.3B	151	405B	175	112	22.1	20.7	28.2	184	193	143	5
6	50.6B	74.8B	140	555B	162	97.4	30.9	25.6	38.7	166	174	145	6
7	43.1B	75.5B	132	685	156	91.3	41.4	83.9	45.0	153	164	153	7
8	41.7B	81.7B	123	609	143	89.7	57.2	255	64.5	171	167	225 B	8
9	42.3B	66.8B	110	544	124	111	39.1	331	38.3	351	173	258 B	9
10	37.7B	72.9B	107	584	105	112	35.9	254	38.9	375	164	239 B	10
11	35.1B	72.4B	101	647	101	104	37.3	196	40.1	321	148	214 B	11
12	42.5B	118 B	96.6	615	99.1	95.4	23.0	168	32.6	264	131	187 B	12
13	34.6B	138 B	84.2	512	120	76.9	32.7	181 E	29.3	223	128	159 B	13
14	43.6B	138 B	86.0	422	242	60.4	22.0	173 E	64.2	180	89.5B	116 B	14
15	40.3B	143 B	73.0	353	284	58.4	26.7	246 E	24.9	163	95.0	113 B	15
16	30.2B	145 B	94.8	293	230	55.9	29.5	139 E	16.4	156	99.3	125 B	16
17	35.5B	149 B	53.9B	256	249	55.0	52.7	549 E	42.1	120	71.6B	108 B	17
18	29.9B	132 B	66.8	212	318	53.6	41.1	693 E	50.1	127	116	85.6B	18
19	30.7B	137 B	59.8	194	313	67.3	31.1	532 E	47.9	79.0	153	72.9B	19
20	34.4B	167 B	66.7	188	261	53.1	34.5	436 A	45.8	209	160	80.0B	20
21	32.7B	205 B	69.9	197	210	50.1	28.8	361	74.9	232	181	47.2B	21
22	32.5B	236 B	62.7B	184	177	55.7	25.5	267	57.4	211	224 B	83.7B	22
23	30.2B	268 B	74.8B	166	157	110	22.0	212	55.0	218	236 B	79.8B	23
24	30.8B	282 B	74.9	157	130	119	25.4	204	55.5	456	225	79.2B	24
25	25.5B	290 B	72.6B	159	118	118	18.9	217	136	682	207	87.5B	25
26	33.6B	294 B	63.9B	173	96.3	115	30.7	192	333	662	171	76.0B	26
27	34.6B	286 B	71.0B	187	107	137	10.4	168	353	574	138	77.0B	27
28	25.9B	263 B	73.7	184	112	136	22.7	113	311	573	131	60.5B	28
29	29.3B		82.4	175	128	88.7	21.2	101	268	603	121	61.3B	29
30	27.6B		110	212	160	75.2	21.6	87.1	210	552	96.9	76.6B	30
31	28.1B		141 B		167		28.4	82.4		466		63.3B	31
TOTAL	1 152.5	4 049.8	3 331.7	10 107	5 524.4	2 908.1	1 021.4	6 402.1	2 734.7	9 083.0	5 043.3	3 616.5	TOTAL
MEAN	37.2	145	107	337	178	96.9	32.9	207	91.2	293	168	117	MEAN
MAX	59.6	294	265	685	318	172	65.2	693	353	682	365	258	MAX
MIN	25.5	20.2	53.9	157	96.3	50.1	10.4	15.6	16.4	79.0	71.6	47.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 151
MAXIMUM DAILY, 693E ON AUG 18
MINIMUM DAILY, 10.4 ON JUL 27
MAXIMUM INSTANTANEOUS,
923 AT 21:43 AST ON APR 6

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 48 52 N
LONG 67 45 16 W
DRAINAGE AREA, 6 060 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	99 600	JUL	88 200
FEB	350 000	AUG	553 000
MAR	288 000	SEP	236 000
APR	873 000	OCT	785 000
MAY	477 000	NOV	436 000
JUN	251 000	DEC	312 000

TOTAL DISCHARGE, 4 750 000 dam³

BARNABY RIVER BELOW SEMIWAGAN RIVER - STATION NO. 01B0003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.25B	1.28B	16.0 B	24.9	16.9	17.8	4.07	1.83	1.16	9.69	20.5	9.74	1
2	3.05B	1.25B	15.0 B	34.8	13.3	13.7	3.44	1.51	1.19	8.16	16.3	11.4	2
3	2.90B	3.70B	14.0 B	72.6	11.0	9.00	3.09	1.51	1.04	21.4	14.3	36.4	3
4	2.72B	6.40B	13.3 B	97.4	9.10	6.50	2.72	1.36	1.06	25.8	12.1	58.4	4
5	2.60B	12.0 B	12.7 B	131	8.35	5.39	3.36	1.60	1.04	17.4	9.97	46.5	5
6	2.47B	10.8 B	12.0 B	147	8.18	4.54	8.27	1.97	1.01	12.7	9.28	47.9	6
7	2.37B	9.80B	11.5 B	125	51.7	4.61	6.11	4.60	0.979	18.5	13.2	66.6	7
8	2.57B	9.00B	10.8 B	83.9	57.3	4.76	3.85	5.40	0.916	46.7	15.7	52.4	8
9	2.80B	8.20B	10.2 B	71.8	32.4	4.06	3.39	4.17	0.905	41.9	16.7	38.5	9
10	2.65B	7.40B	9.50B	86.1	20.1	10.5	2.82	3.22	0.952	34.6	13.8	30.5	10
11	2.55B	6.80B	8.53	76.5	14.3	21.8	2.52	2.67	1.03	24.7	11.2	31.4	11
12	2.40B	10.0 B	8.50B	54.0	12.0	17.7	2.49	2.34	1.04	17.5	9.95	26.8	12
13	2.31B	19.0 B	7.73	39.8	13.1	13.3	2.77	1.77	1.09	13.9	8.69	19.9	13
14	2.25B	28.0 B	7.80B	31.0	15.5	9.17	3.23	1.67	1.28	11.4	7.70	16.7	14
15	2.18B	27.0 B	7.11	29.5	12.7	7.19	12.9	1.53	1.86	9.38	7.21	14.0	15
16	2.10B	25.0 B	7.80B	24.3	10.9	6.20	12.8	2.83	2.04	8.33	6.82	19.7	16
17	2.05B	23.0 B	8.34	19.3	17.2	5.65	7.79	8.61	1.89	7.45	8.75	39.0	17
18	1.99B	20.8 B	17.1	18.8	41.3	4.97	5.02	14.6	1.58	6.64	19.1	36.2	18
19	1.90B	19.8 B	24.0	20.8	31.7	4.29	3.37	11.1	1.49	6.18	43.6	29.3	19
20	1.85B	19.2 B	22.9	19.9	20.2	3.42	4.71	7.20	4.20	7.39	38.8	23.3	20
21	1.80B	19.5 B	19.4	17.2	14.6	7.44	5.70	5.06	6.59	6.72	57.7	20.2	21
22	1.75B	20.4 B	16.2	14.6	11.4	11.0	6.28	3.59	4.85	6.05	69.4	17.2 B	22
23	1.70B	21.8 B	13.9	12.5	9.20	16.9	5.13	2.91	4.19	5.91	44.4	14.4 B	23
24	1.65B	23.0 B	13.4 B	11.9	8.22	13.9	3.50	2.48	6.85	14.1	28.7	11.5 B	24
25	1.58B	25.0 B	12.9 B	11.5	7.11	9.01	2.75	2.14	28.3	25.4	20.9	10.0 B	25
26	1.53B	22.0 B	12.5 B	10.9	7.40	13.4	2.20	1.88	30.0	18.7	16.2	9.00B	26
27	1.49B	20.0 B	11.7	10.4	7.41	16.9	2.14	1.62	17.5	18.6	13.7	8.50B	27
28	1.44B	18.5 B	12.0	9.70	6.86	10.7	2.70	1.55	12.8	34.3	11.9	8.00B	28
29	1.40B		12.3	9.55	6.90	7.04	2.39	1.44	11.8	61.9	11.2	7.50B	29
30	1.34B		16.8	16.6	6.69	4.99	2.15	1.26	11.9	45.8	9.94	7.10B	30
31	1.32B		21.9		8.59		2.04	1.18		28.8		6.90B	31
TOTAL	65.96	438.63	407.81	1 333.25	511.61	285.83	135.70	106.60	162.532	616.00	587.71	774.94	TOTAL
MEAN	2.13	15.7	13.2	44.4	16.5	9.53	4.38	3.44	5.42	19.9	19.6	25.0	MEAN
MAX	3.25	28.0	24.0	147	57.3	21.8	12.9	14.6	30.0	61.9	69.4	66.6	MAX
MIN	1.32	1.25	7.11	9.55	6.69	3.42	2.04	1.18	0.905	5.91	6.82	6.90	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.9
MAXIMUM DAILY, 147 ON APR 6
MINIMUM DAILY, 0.905 ON SEP 9
MAXIMUM INSTANTANEOUS,
151 AT 23:22 AST ON APR 6

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 53 19 N
LONG 65 35 44 W
DRAINAGE AREA, 484 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 700	JUL	11 700
FEB	37 900	AUG	9 210
MAR	35 200	SEP	14 000
APR	115 000	OCT	53 200
MAY	44 200	NOV	50 800
JUN	24 700	DEC	67 000

TOTAL DISCHARGE, 469 000 dam³

BARTIBOG RIVER BELOW HIGHWAY NO. 8 - STATION NO. 01BO004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.70B	1.09B	10.2 B	12.1	19.1	16.7	5.21	2.44	2.75	10.1	10.6	7.72B	1
2	2.57B	1.07B	9.70B	17.7	16.1	12.8	4.86	2.22	2.64	8.12	9.98	9.36B	2
3	2.45B	1.90B	9.00B	40.3	14.2	10.7	4.50	2.34	2.45	18.9	9.29	19.2	3
4	2.38B	7.60B	8.60B	41.7	13.1	9.77	4.16	3.15	2.42	19.2	8.35	30.5	4
5	2.27B	6.90B	8.56	66.6	11.8	8.85	3.98	2.77	2.46	14.0	7.65	23.6	5
6	2.20B	6.10B	8.27	87.7	12.2	8.68	4.53	3.79	2.38	11.0	7.51	46.0	6
7	2.24B	5.60B	7.67	76.4	33.3	9.35	4.39	12.2	2.27	14.5	9.63	78.5	7
8	2.30B	5.10B	7.21	53.1	26.3	8.31	3.96	11.1	2.24	47.8	10.1	45.7	8
9	2.41B	4.62B	6.70	47.2	18.2	7.31	3.66	8.28	2.42	39.5	10.1	30.2	9
10	2.32B	4.40B	6.34	69.7	13.9	13.1	3.46	6.82	3.33	29.2	8.69	24.7	10
11	2.20B	4.10B	6.02	64.1	12.2	17.5	3.53	7.48	2.85	20.7	7.62	22.7	11
12	2.02B	6.00B	5.40B	44.6	11.1	14.9	4.35	5.90	2.59	16.2	7.19	18.7	12
13	1.95B	15.8 B	5.10B	32.4	12.4	12.7	3.89	4.82	2.41	13.5	6.64	15.2	13
14	1.85B	14.0 B	4.80B	27.3	14.5	10.4	3.94	4.25	2.29	11.2	6.31	13.2	14
15	1.79B	12.8 B	4.60B	27.6	11.7	9.94	10.0	3.76	2.21	10.3	6.15	11.9	15
16	1.70B	12.0 B	4.55B	22.2	10.5	9.33	8.65	4.77	2.20	9.39	5.93	12.2	16
17	1.63B	10.8 B	5.00B	18.6	15.9	9.23	5.81	8.65	2.09	8.76	6.39	12.5	17
18	1.59B	10.1 B	17.6	18.5	37.2	8.08	4.42	16.6	1.98	7.95	8.38	11.2	18
19	1.54B	9.60B	15.0	18.0	20.8	6.98	3.99	11.9	2.25	7.85	13.9	9.90B	19
20	1.50B	9.40B	12.2	17.1	15.6	6.42	3.79	8.64	16.1	8.38	13.1	9.10B	20
21	1.45B	10.3 B	10.3	15.9	13.0	6.95	3.60	6.70	11.3	7.80	36.0	8.60B	21
22	1.40B	11.4 B	9.03	14.3	10.9	7.04	4.08	5.74	7.31	7.25	44.9	8.20B	22
23	1.37B	13.0 B	8.20	13.4	9.92	11.6	3.45	5.00	6.05	7.74	25.9	7.60B	23
24	1.32B	15.5 B	7.87	13.2	8.99	9.28	2.97	4.58	5.84	18.0	18.3	7.30B	24
25	1.29B	14.7 B	7.36	13.1	8.07	7.57	2.68	4.31	7.90	21.4	14.8	6.90B	25
26	1.25B	13.3 B	7.12	13.3	8.46	9.58	2.50	3.99	6.71	14.8	12.6	6.60B	26
27	1.22B	12.6 B	7.22	14.1	8.16	9.83	2.81	3.75	5.53	13.1	11.0	6.40B	27
28	1.19B	11.7 B	6.75	14.3	9.30	7.60	3.41	3.56	5.45	16.3	10.3	6.20B	28
29	1.15B		7.09	15.1	21.3	6.54	2.76	3.27	7.83	18.1	9.61	6.00B	29
30	1.13B		8.72	21.7	16.4	5.68	2.70	3.01	13.5	14.2	8.65B	5.80B	30
31	1.11B		11.2		15.3		2.74	2.93		11.9		5.60B	31
TOTAL	55.49	251.48	253.38	951.3	469.90	292.72	128.78	178.72	139.75	477.14	365.57	527.28	TOTAL
MEAN	1.79	8.98	8.17	31.7	15.2	9.76	4.15	5.77	4.66	15.4	12.2	17.0	MEAN
MAX	2.70	15.8	17.6	87.7	37.2	17.5	10.0	16.6	16.1	47.8	44.9	78.5	MAX
MIN	1.11	1.07	4.55	12.1	8.07	5.68	2.50	2.22	1.98	7.25	5.93	5.60	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.2
MAXIMUM DAILY, 87.7 ON APR 6
MINIMUM DAILY, 1.07B ON FEB 2
MAXIMUM INSTANTANEOUS,
89.9 AT 13:46 AST ON APR 6

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 11 27 N
LONG 65 23 51 W
DRAINAGE AREA, 316 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 790	JUL	11 100
FEB	21 700	AUG	15 400
MAR	21 900	SEP	12 100
APR	82 200	OCT	41 200
MAY	40 600	NOV	31 600
JUN	25 300	DEC	45 600

TOTAL DISCHARGE, 353 000 dam³

BASS RIVER AT BASS RIVER - STATION NO. 01BL001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.650B	0.270B	5.00B	9.60B	11.7	4.40	0.687	0.255	0.395	3.17	3.98	2.20B	1
2	0.550B	0.270B	4.60B	16.0 B	9.66	3.35	0.595	0.231	0.379	2.49	3.40	2.10B	2
3	0.510B	0.440B	4.20B	19.0 B	8.00	2.38	0.521	0.227	0.318	9.87	3.05	3.00B	3
4	0.480B	0.870B	4.02B	23.0 B	6.80	2.15	0.477	0.274	0.271	14.5	2.60	16.5	4
5	0.450B	1.30 B	3.95B	35.0 B	5.85	1.95	0.386	0.230	0.264	9.29	2.29	14.8	5
6	0.430B	1.20 B	3.78B	55.0 B	5.61	1.74	0.456	0.211	0.259	6.04	2.17	26.9	6
7	0.418B	1.15 B	3.62B	45.7	17.1	1.84	0.643	1.85	0.232	5.89	2.54	59.3	7
8	0.405B	1.10 B	3.50B	28.8	18.2	1.76	0.763	3.34	0.218	29.4	4.91	24.1	8
9	0.390B	1.06 B	3.40B	20.3	10.0	1.49	0.679	2.91	0.223	30.1	7.50	14.1	9
10	0.375B	1.02 B	3.31B	26.8	6.57	8.10	0.568	2.53	0.277	21.7	5.56	11.4	10
11	0.365B	0.980B	3.22B	28.8	4.90	15.8	0.489	3.46	0.477	11.9	3.97	12.6	11
12	0.355B	0.940B	3.14B	20.8	3.88	10.7	0.455	2.98	0.464	7.28	3.31	9.63	12
13	0.348B	1.50 B	3.06B	15.4	3.66	6.92	0.434	2.18	0.460	5.00	2.75	5.90B	13
14	0.340B	3.20 B	2.98B	12.1	4.42	4.38	0.507	1.70	0.453	3.80	2.51	4.20B	14
15	0.332B	3.00 B	2.92B	12.3	3.81	3.19	11.2	1.47	0.413	3.14	2.31	3.80B	15
16	0.326B	2.85 B	2.86B	9.41	3.30	2.65	14.0	1.52	0.358	2.69	2.16	3.60B	16
17	0.320B	2.70 B	2.80B	7.59	5.06	2.50	7.30	5.31	0.331	2.34	2.06	3.40B	17
18	0.315B	2.60 B	4.60B	7.11	12.5	2.28	4.01	17.3	0.297	2.09	2.35	3.20B	18
19	0.310B	2.50 B	7.60B	7.05	8.38	1.82	2.93	13.8	0.271	1.97	7.12	3.00B	19
20	0.305B	2.44 B	7.00B	6.71	5.79	1.47	2.33	6.90	6.35	2.13	9.78	2.85B	20
21	0.300B	2.36 B	6.40B	6.39	4.21	1.27	1.78	4.00	9.11	2.11	24.9	2.74B	21
22	0.297B	2.28 B	6.00B	5.19	3.34	1.26	1.52	2.70	5.32	1.99	40.2	2.65B	22
23	0.294B	2.20 B	5.60B	4.79	2.91	1.79	1.19	1.97	3.68	2.24	18.1	2.55B	23
24	0.290B	3.20 B	5.30B	5.29	2.56	2.08	0.703	1.60	3.01	6.82	10.3	2.47B	24
25	0.287B	5.00 B	5.00B	5.85	2.28	1.62	0.579	1.37	2.50	13.7	6.76	2.38B	25
26	0.283B	6.40 B	4.80B	6.46	1.98	2.14	0.518	0.757	2.02	8.55	4.95	2.32B	26
27	0.280B	5.70 B	4.60B	7.83	2.03	3.15	0.481	0.681	1.62	6.29	3.60B	2.26B	27
28	0.277B	5.30 B	4.40B	8.66	2.33	2.31	0.483	0.593	1.44	9.28	3.00B	2.20B	28
29	0.274B		5.00B	8.92	2.69	1.65	0.437	0.545	1.74	11.9	2.40B	2.15B	29
30	0.272B		6.00B	12.9	2.94	1.13	0.334	0.498	3.31	7.75	2.30B	2.11B	30
31	0.270B		7.45B		2.99		0.308	0.461		5.29		2.08B	31
TOTAL	11.098	63.830	140.11	478.75	185.45	99.27	57.763	83.853	46.460	250.71	192.83	252.49	TOTAL
MEAN	0.358	2.28	4.52	16.0	5.98	3.31	1.86	2.70	1.55	8.09	6.43	8.14	MEAN
MAX	0.650	6.40	7.60	55.0	18.2	15.8	14.0	17.3	9.11	30.1	40.2	59.3	MAX
MIN	0.270	0.270	2.80	4.79	1.98	1.13	0.308	0.211	0.218	1.97	2.06	2.08	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.10
MAXIMUM DAILY, 59.3 ON DEC 7
MINIMUM DAILY, 0.211 ON AUG 6
MAXIMUM INSTANTANEOUS,
76.5 AT 03:13 AST ON DEC 7

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 39 00 N
LONG 65 34 40 W
DRAINAGE AREA, 175 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	959	JUL	4 990
FEB	5 510	AUG	7 240
MAR	12 100	SEP	4 010
APR	41 400	OCT	21 700
MAY	16 000	NOV	16 700
JUN	8 580	DEC	21 800

TOTAL DISCHARGE, 161 000 dam³

BECAGUIMEC STREAM AT COLDSTREAM - STATION NO. 01AJ010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.55 B	0.630B	15.7	18.8	17.4	6.42	4.60	1.15	1.11	7.32	15.2	5.89	1
2	1.49 B	1.00 B	13.2 B	28.1	14.0	4.66	4.11	0.944	1.03	6.35	13.0	7.02	2
3	1.44 B	2.00 B	11.5 B	62.8	12.3	3.79	3.56	0.833	0.975	17.7	11.0	19.5	3
4	1.39 B	5.00 B	10.0 B	50.2	10.8	3.41	3.14	0.803	0.874	23.6	8.77	29.8	4
5	1.35 B	7.50 B	8.85B	54.0	9.57	3.12	2.84	0.838	0.822	16.4	7.48	26.6	5
6	1.31 B	11.8 B	7.35	103	9.20	2.85	3.45	2.16	0.753	12.1	6.89	21.2	6
7	1.29 B	10.0 B	6.62	70.3	10.3	3.92	7.89	9.99	0.700	11.9	7.42	30.7	7
8	1.23 B	7.50 B	6.20	43.3	9.32	4.77	5.69	6.41	0.648	16.8	8.07	32.1	8
9	1.19 B	6.00 B	5.68	44.8	7.53	3.64	3.94	3.98	0.741	14.8	7.73	23.8	9
10	1.15 B	5.20 B	5.20	68.2	6.43	4.59	3.08	2.88	1.41	11.4	6.49	17.5	10
11	1.11 B	4.50 B	5.04	57.2	5.84	3.92	2.64	2.36	1.31	9.11	5.70	14.9	11
12	1.08 B	6.00 B	5.07	37.2	5.59	3.20	2.36	1.96	1.22	7.80	5.23	12.2	12
13	1.05 B	10.0 B	4.45	25.7	10.3	2.87	2.09	1.50	1.09	6.75	4.49	8.90	13
14	1.01 B	21.0 B	4.03	20.4	15.7	3.06	1.93	1.31	1.05	6.07	4.68	7.79B	14
15	0.980B	15.0 B	3.20	21.6	11.2	2.74	1.84	1.15	1.96	5.53	4.43	7.20B	15
16	0.950B	11.0 B	4.60B	16.4	8.86	2.73	1.63	4.99	1.69	5.03	4.29	7.85B	16
17	0.930B	9.00 B	4.75B	14.4	12.5	3.54	1.43	12.6	1.30	4.73	5.92	8.74	17
18	0.900B	8.00 B	4.80B	14.2	15.1	2.91	1.29	8.54	1.07	4.25	15.3	6.21	18
19	0.880B	9.00 B	4.80B	17.9	11.6	2.36	2.68	5.72	1.63	7.19	20.3	5.20B	19
20	0.860B	18.0 B	4.83B	15.7	9.46	2.01	2.87	3.92	18.2	9.52	14.8	4.50B	20
21	0.830B	30.0 B	4.60B	13.0	7.78	9.55	2.27	3.04	13.6	7.04	16.0	4.00B	21
22	0.810B	39.0 B	4.30B	10.8	6.74	10.0	3.06	2.55	6.80	6.11	21.8	3.55B	22
23	0.790B	33.0 B	4.10B	10.0	5.89	17.6	2.16	2.23	17.6	5.91	17.0	3.20B	23
24	0.770B	29.9	4.10B	10.4	5.26	13.1	1.62	3.04	16.0	21.5	13.1	2.85B	24
25	0.750B	24.9	4.08B	10.4	4.67	8.19	1.34	2.59	26.4	30.1	10.6	2.60B	25
26	0.730B	20.3	3.90B	9.80	5.22	12.4	1.13	2.02	20.3	20.2	8.91	2.40B	26
27	0.710B	19.3	4.20B	9.91	5.03	15.0	1.44	1.73	12.2	19.2	7.18	2.20B	27
28	0.700B	18.8	4.07B	10.2	4.67	9.39	2.53	1.64	12.0	25.1	7.10	2.05B	28
29	0.680B		4.28	11.0	4.66	6.93	1.67	1.46	11.4	43.1	6.40	1.90B	29
30	0.670B		5.72	21.3	4.24	5.50	1.48	1.31	9.25	30.6	5.47	1.80B	30
31	0.650B		13.9		4.94		1.39	1.21		20.2		1.69B	31
TOTAL	31.230	383.330	193.12	901.01	272.10	178.17	83.15	96.858	185.133	433.41	290.75	325.84	TOTAL
MEAN	1.01	13.7	6.23	30.0	8.78	5.94	2.68	3.12	6.17	14.0	9.69	10.5	MEAN
MAX	1.55	39.0	15.7	103	17.4	17.6	7.89	12.6	26.4	43.1	21.8	32.1	MAX
MIN	0.650	0.630	3.20	9.80	4.24	2.01	1.13	0.803	0.648	4.25	4.29	1.69	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.24
MAXIMUM DAILY, 103 ON APR 6
MINIMUM DAILY, 0.630B ON FEB 1
MAXIMUM INSTANTANEOUS,
115 AT 12:32 AST ON APR 6

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 20 27 N
LONG 67 27 58 W
DRAINAGE AREA, 350 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 700	JUL	7 180
FEB	33 100	AUG	8 370
MAR	16 700	SEP	16 000
APR	77 800	OCT	37 400
MAY	23 500	NOV	25 100
JUN	15 400	DEC	28 200

TOTAL DISCHARGE, 291 000 dam³

BIG PRESQUE ISLE STREAM AT TRACEY MILLS - STATION NO. 01AJ004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.85B	1.79B	21.8	38.0	15.8	10.8	4.14	1.85	2.61	5.60	21.5	10.7 B	1
2	3.75B	1.79B	18.8	45.6	13.2	8.38	3.93	1.70	2.55	5.06	20.2	10.1 B	2
3	3.60B	2.70B	16.5	60.4	11.9	7.22	3.53	1.63	2.46	12.4	17.9	15.1	3
4	3.50B	5.00B	15.0	52.3	10.6	6.37	3.41	1.64	2.44	16.3	15.9	20.7	4
5	3.35B	8.00B	14.4	59.9	9.86	6.03	3.20	1.96	2.21	12.4	14.6	19.1	5
6	3.22B	14.0 B	12.8	69.2	9.48	5.49	3.28	3.73	2.19	9.71	13.6	17.3	6
7	3.15B	15.0 B	12.0	53.9	9.54	7.30	6.22	13.6	2.15	13.0	14.3	23.4	7
8	3.00B	11.0 B	11.1	42.2	9.14	7.40	5.03	13.3	2.17	38.5	20.8	27.3	8
9	2.90B	9.00B	10.1	44.8	8.05	6.44	3.98	9.17	2.35	27.2	18.3	21.8	9
10	2.82B	7.20B	9.59	57.4	7.38	6.90	3.43	6.72	3.00	18.4	14.9	18.0	10
11	2.74B	6.12B	9.06	49.9	6.84	5.23	3.08	6.13	3.10	14.8	13.2	17.4	11
12	2.65B	14.0 B	8.71	39.9	6.41	4.81	2.85	5.08	2.91	13.0	11.9	15.9	12
13	2.58B	25.0 B	8.46	31.2	14.2	4.49	2.64	4.14	2.70	11.5	10.9	13.6 B	13
14	2.56B	36.5 B	8.28	25.9	18.6	4.27	2.82	3.47	2.66	10.4	10.4	12.5 B	14
15	2.42B	33.5 B	8.10B	24.6	13.5	3.90	3.43	3.00	2.93	9.63	10.1	11.9 B	15
16	2.34B	30.0 B	8.00B	19.7	11.3	4.09	2.94	3.92	2.75	9.12	9.71	11.0 B	16
17	2.29B	26.0 B	7.99B	18.1	13.8	4.55	2.52	5.16	2.39	8.32	10.9	10.3 B	17
18	2.21B	23.5 B	7.90B	17.6	15.6	4.20	2.49	11.0	2.24	7.87	19.2	9.80B	18
19	2.18B	21.0 B	7.80B	19.3	12.1	3.62	2.39	9.59	2.56	14.3	26.9	9.30B	19
20	2.12B	24.5 B	7.70B	17.6	10.4	3.23	2.31	6.12	12.2	16.5	19.7	9.00B	20
21	2.08B	29.0 B	7.60B	14.9	9.13	5.72	2.30	4.70	9.00	12.8	29.3	8.50B	21
22	2.02B	35.0 B	7.60B	12.6	8.28	6.19	2.57	3.98	5.83	12.0	34.0	8.20B	22
23	1.99B	54.0 B	7.63B	12.3	7.83	16.9	2.28	3.76	5.62	17.7	24.4	7.90B	23
24	1.97B	44.0 B	7.59B	12.5	7.31	11.0	2.17	4.01	9.26	71.8	19.8	7.60B	24
25	1.91B	36.0 B	7.13	14.7	6.36	7.48	2.03	4.20	14.6	58.9	16.9	7.40B	25
26	1.89B	31.5 B	7.19	14.2	6.43	9.02	1.90	3.65	10.2	36.3	15.3	7.20B	26
27	1.87B	28.5 B	7.11	13.0	6.70	9.21	2.27	3.25	7.58	33.6	14.0	7.00B	27
28	1.84B	25.0 B	7.44	12.3	8.12	6.64	2.87	3.07	7.74	37.8	13.2	6.80B	28
29	1.81B		8.41	12.9	16.5	5.32	2.24	2.91	7.72	39.7	12.3	6.60B	29
30	1.80B		12.7	19.7	12.7	4.69	2.21	2.77	6.44	29.6	11.6 B	6.50B	30
31	1.79B		29.6		11.3		2.15	2.62		24.2		6.40B	31
TOTAL	78.20	598.60	334.09	926.6	328.36	196.89	92.61	151.83	144.56	648.41	505.71	384.30	TOTAL
MEAN	2.52	21.4	10.8	30.9	10.6	6.56	2.99	4.90	4.82	20.9	16.9	12.4	MEAN
MAX	3.85	54.0	29.6	69.2	18.6	16.9	6.22	13.6	14.6	71.8	34.0	27.3	MAX
MIN	1.79	1.79	7.11	12.3	6.36	3.23	1.90	1.63	2.15	5.06	9.71	6.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.0
MAXIMUM DAILY, 71.8 ON OCT 24
MINIMUM DAILY, 1.63 ON AUG 3
MAXIMUM INSTANTANEOUS,
87.2 AT 15:57 AST ON OCT 24

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 26 16 N
LONG 67 44 41 W
DRAINAGE AREA, 484 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 760	JUL	8 000
FEB	51 700	AUG	13 100
MAR	28 900	SEP	12 500
APR	80 100	OCT	56 000
MAY	28 400	NOV	43 700
JUN	17 000	DEC	33 200

TOTAL DISCHARGE, 379 000 dam³

BURPEE MILLSTREAM NEAR FERNMOUNT - STATION NO. 01AO009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.770B	0.536B	2.50 B	6.40B	3.55	5.31	1.55	0.349	0.455	1.83	3.81	3.38	1
2	0.740B	0.630B	2.30 B	12.7	2.59	3.10	1.46	0.329	0.428	1.84	3.35	6.56	2
3	0.710B	1.30 B	2.05 B	22.4	2.12	2.13	1.19	0.294	0.396	5.86	2.87	15.6	3
4	0.680B	2.29 B	1.88 B	16.9	1.83	1.71	1.02	0.294	0.384	5.01	2.34	13.5	4
5	0.655B	4.55 B	1.70 B	16.0	1.61	1.50	0.921	0.320	0.335	3.55	1.97	7.11	5
6	0.635B	4.00 B	1.56 B	25.5	1.66	1.32	0.942	6.24	0.307	2.66	2.27	7.43	6
7	0.720B	3.29 B	1.42 B	14.8	7.42	2.27	1.22	15.7	0.287	3.78	4.91	7.55	7
8	0.800B	2.98 B	1.32 B	10.8	4.69	2.47	1.03	5.70	0.272	5.82	4.88	6.13	8
9	1.02 B	2.52 B	1.22 B	10.8	3.13	2.58	0.859	2.91	0.363	4.18	3.71	4.61	9
10	0.980B	2.28 B	1.16 B	14.1	2.39	6.46	0.662	1.86	0.748	3.07	2.86	3.73	10
11	0.940B	2.13 B	1.11 B	9.78	1.89	3.86	0.608	1.48	0.545	2.43	2.30	3.12B	11
12	0.890B	4.30 B	1.08 B	7.05	1.66	2.72	0.578	1.20	0.463	2.02	2.15	2.68B	12
13	0.850B	7.80 B	1.03 B	5.12	4.70	2.21	0.551	1.17	0.418	1.76	1.89	2.37B	13
14	0.820B	7.10 B	1.00 B	4.04	5.55	1.83	0.553	1.00	0.379	1.53	1.63	2.12B	14
15	0.795B	6.30 B	0.980B	4.43	3.58	1.53	0.561	0.767	0.425	1.42	1.50	1.87B	15
16	0.763B	5.50 B	1.04 B	3.51	2.92	1.52	0.555	6.06	0.361	1.28	1.46	3.70B	16
17	0.735B	4.65 B	1.20 B	3.04	4.89	1.83	0.460	7.28	0.322	1.20	1.96	3.20B	17
18	0.710B	4.10 B	1.48 B	3.12	6.69	1.52	0.421	4.29	0.271	1.11	4.15	2.70B	18
19	0.690B	3.35 B	1.65 B	3.60	4.14	1.13	0.371	2.70	0.390	1.42	6.08	2.40B	19
20	0.670B	3.00 B	1.49 B	3.08	3.22	0.966	0.387	1.84	5.97	1.72	4.04	2.18B	20
21	0.650B	4.10 B	1.30 B	3.03	2.64	3.52	0.743	1.40	3.83	1.47	10.3	1.96B	21
22	0.630B	5.90 B	1.14 B	2.68	2.21	4.07	1.11	1.12	2.50	1.31	8.03	1.78B	22
23	0.610B	8.20 B	1.04 B	2.31	1.83	10.9	0.744	0.897	4.29	1.18	4.72	1.65B	23
24	0.600B	6.75 B	0.950B	2.09	1.81	5.40	0.491	1.17	6.89	5.67	3.51	1.52B	24
25	0.585B	5.55 B	0.875B	2.37	1.58	5.02	0.424	1.73	16.8	5.79	2.92	1.43B	25
26	0.575B	4.60 B	0.855B	2.38	1.44	11.8	0.343	1.17	7.90	4.02	2.48	1.35B	26
27	0.560B	3.80 B	0.870B	2.07	1.41	7.50	0.457	0.857	4.60	5.82	2.02	1.26B	27
28	0.555B	3.22 B	0.920B	1.86	1.86	4.15	0.547	0.768	3.62	16.9	1.80	1.20B	28
29	0.550B		1.00 B	2.53	1.66	2.85	0.455	0.643	2.89	14.8	1.59	1.14B	29
30	0.540B		1.60 B	5.31	2.58	2.08	0.412	0.551	2.34	7.39	2.51	1.08B	30
31	0.538B		3.20 B		4.19		0.376	0.510		4.79		1.04B	31
TOTAL	21.966	114.726	42.920	223.80	93.44	105.256	22.001	72.599	69.179	122.63	100.01	117.35	TOTAL
MEAN	0.709	4.10	1.38	7.46	3.01	3.51	0.710	2.34	2.31	3.96	3.33	3.79	MEAN
MAX	1.02	8.20	3.20	25.5	7.42	11.8	1.55	15.7	16.8	16.9	10.3	15.6	MAX
MIN	0.538	0.536	0.855	1.86	1.41	0.966	0.343	0.294	0.271	1.11	1.46	1.04	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.03
MAXIMUM DAILY, 25.5 ON APR 6
MINIMUM DAILY, 0.271 ON SEP 18
MAXIMUM INSTANTANEOUS,
31.2 AT 09:36 AST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 57 24 N
LONG 66 18 41 W
DRAINAGE AREA, 93.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 900	JUL	1 900
FEB	9 910	AUG	6 270
MAR	3 710	SEP	5 980
APR	19 300	OCT	10 600
MAY	8 070	NOV	8 640
JUN	9 090	DEC	10 100

TOTAL DISCHARGE, 95 500 dam³

CANAAN RIVER AT EAST CANAAN - STATION NO. 01AP002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.03B	2.43B	25.0 B	40.0 B	18.6	28.1	7.80	1.47	1.75	4.21	25.9	7.10B	1
2	5.62B	2.60B	22.0 B	58.2	14.0	16.8	6.06	1.23	1.51	3.64	21.3	12.8	2
3	5.27B	22.5 B	19.0 B	112	11.2	10.9	4.84	1.02	1.08	16.2	17.3	72.8	3
4	5.00B	19.4 B	17.0	116	9.78	7.91	3.99	0.938	1.00	21.0	14.0	77.7	4
5	4.75B	15.3 B	15.1	139	8.75	6.25	3.58	0.833	1.03	14.9	11.5	48.4	5
6	4.56B	13.7 B	13.5	164	8.15	4.92	3.63	0.961	0.939	10.7	10.7	52.5	6
7	5.40B	12.6 B	12.7	121	14.7	14.8	4.63	1.77	0.908	14.3	23.3	64.4	7
8	6.80B	11.8 B	12.1	66.3	17.9	27.7	3.95	2.32	0.873	36.2	22.4	47.1	8
9	7.45B	11.0 B	11.5	56.5	12.7	16.2	3.91	2.09	0.912	36.3	18.0	33.8	9
10	6.95B	10.4 B	10.7	97.1	9.50	46.9	3.22	1.71	0.935	45.4	14.4	27.4	10
11	6.40B	9.80B	9.93	74.9	7.90	48.5	2.60	1.53	0.918	32.4	11.9	27.7	11
12	5.80B	30.0 B	9.39	48.8	6.96	30.7	2.49	1.31	0.874	21.5	11.1	24.8	12
13	5.35B	80.0 B	8.90B	36.3	7.20	21.7	2.71	1.18	0.807	15.2	9.55	18.8	13
14	5.00B	136 B	8.58	27.0	8.42	14.0	2.67	1.18	0.831	11.5	8.44	14.1	14
15	4.67B	108 B	8.43	25.3	7.22	10.4	6.04	1.10	0.942	9.33	7.81	11.6	15
16	4.45B	90.0 B	9.48	20.3	6.18	8.59	8.36	14.1	0.960	7.82	7.60	41.1	16
17	4.21B	80.0 B	9.15	16.9	8.49	7.98	5.69	57.6	0.950	6.94	13.8	82.4	17
18	3.95B	69.0 B	23.0	17.6	16.3	7.04	3.90	47.6	0.917	6.11	37.2	48.3	18
19	3.73B	64.0 B	24.8	25.9	13.3	5.88	2.97	34.2	0.847	6.92	71.4	31.8	19
20	3.54B	60.0 B	22.4	22.0	10.4	4.37	3.25	19.8	0.910	12.8	50.1	21.4	20
21	3.40B	66.0 B	18.5	18.3	8.28	19.1	3.87	12.4	1.05	10.4	91.2	16.2	21
22	3.22B	71.0 B	15.0 B	15.6	6.83	32.5	5.81	8.89	1.06	8.49	83.1	12.5 B	22
23	3.07B	75.0 B	13.7 B	13.2	5.58	29.6	4.57	6.51	1.32	7.19	46.0	11.3 B	23
24	2.98B	69.0 B	13.5 B	11.9	5.80	19.6	3.35	5.32	3.47	52.3	29.8	10.0 B	24
25	2.94B	59.0 B	13.5 B	11.4	6.76	15.8	2.63	4.74	13.5	88.3	21.3	9.00B	25
26	2.83B	38.8	13.5 B	11.1	5.70	59.1	2.01	3.90	13.1	46.6	16.6	8.00B	26
27	2.86B	34.3	13.5 B	10.0	4.86	42.5	1.72	3.30	9.12	47.2	13.9	7.30B	27
28	2.92B	31.6	13.5 B	9.07	5.78	24.3	2.40	2.98	7.01	108	12.3	6.80B	28
29	2.85B		13.6 B	8.89	5.56	14.7	2.54	2.80	5.83	125	11.3	6.40B	29
30	2.67B		19.0 B	21.3	4.78	10.4	2.04	2.36	5.04	64.0	8.50B	6.00B	30
31	2.50B		29.0 B		9.74		1.78	1.99		37.1		5.60B	31
TOTAL	137.17	1 293.23	468.96	1 415.86	287.32	607.24	119.01	249.132	80.393	927.95	741.70	865.10	TOTAL
MEAN	4.42	46.2	15.1	47.2	9.27	20.2	3.84	8.04	2.68	29.9	24.7	27.9	MEAN
MAX	7.45	136	29.0	164	18.6	59.1	8.36	57.6	13.5	125	91.2	82.4	MAX
MIN	2.50	2.43	8.43	8.89	4.78	4.37	1.72	0.833	0.807	3.64	7.60	5.60	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.7
MAXIMUM DAILY, 164 ON APR 6
MINIMUM DAILY, 0.807 ON SEP 13
MAXIMUM INSTANTANEOUS,
177 AT 18:48 AST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 04 19 N
LONG 65 22 00 W
DRAINAGE AREA, 668 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	11 900	JUL	10 300
FEB	112 000	AUG	21 500
MAR	40 500	SEP	6 950
APR	122 000	OCT	80 200
MAY	24 800	NOV	64 100
JUN	52 500	DEC	74 700

TOTAL DISCHARGE, 621 000 dam³

CASTAWAY BROOK NEAR CASTAWAY - STATION NO. 01AN001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.333B	0.170B	1.30 B	2.24	1.10	1.49	0.464	0.146	0.108	0.338	1.26	0.593	1
2	0.325B	0.169B	1.20 B	3.43	0.902	0.900	0.450	0.128	0.099	0.317	1.11	1.01	2
3	0.318B	0.340B	1.12 B	8.36	0.774	0.691	0.402	0.122	0.100	0.707	0.979	3.26	3
4	0.310B	0.580B	1.08	7.14	0.689	0.579	0.353	0.123	0.093	0.735	0.830	4.28	4
5	0.302B	1.02 B	0.971	7.07	0.649	0.527	0.331	0.165	0.092	0.555	0.731	2.75	5
6	0.293B	0.900B	0.910B	10.5	0.721	0.502	0.378	0.211	0.089	0.431	0.812	2.84	6
7	0.287B	0.772B	0.870B	6.57	3.72	1.04	0.399	0.370	0.086	0.693	1.57	3.39	7
8	0.279B	0.690B	0.847	3.84	2.57	1.07	0.330	0.280	0.082	1.33	1.26	2.64	8
9	0.272B	0.625B	0.785	3.69	1.55	0.795	0.312	0.210	0.087	1.08	1.06	1.90	9
10	0.267B	0.570B	0.754	4.80	1.17	1.15	0.272	0.167	0.112	0.855	0.900	1.64	10
11	0.260B	0.526B	0.721	3.57	0.998	1.04	0.252	0.176	0.108	0.687	0.768	1.46	11
12	0.254B	1.90 B	0.682	2.71	0.890	0.832	0.259	0.146	0.095	0.558	0.715	1.23	12
13	0.250B	5.63 B	0.647	2.09	1.22	0.702	0.261	0.139	0.092	0.488	0.660	1.01	13
14	0.243B	4.79 B	0.641	1.72	1.44	0.594	0.268	0.134	0.097	0.423	0.614	0.896	14
15	0.239B	3.98 B	0.775	2.04	1.09	0.507	0.388	0.112	0.111	0.384	0.586	0.802	15
16	0.232B	3.20 B	0.788	1.65	0.951	0.497	0.316	0.437	0.108	0.359	0.544	1.95	16
17	0.229B	2.78 B	2.07	1.34	1.70	0.490	0.255	1.11	0.096	0.332	0.800	3.10	17
18	0.221B	2.43 B	4.00	1.34	2.27	0.465	0.213	1.05	0.090	0.309	1.60	2.18	18
19	0.218B	2.20 B	2.18	1.47	1.50	0.376	0.204	0.678	0.083	0.357	2.32	1.52	19
20	0.210B	2.04 B	1.02	1.30	1.16	0.359	0.203	0.420	0.319	0.485	1.63	1.29	20
21	0.206B	1.90 B	0.876	1.19	0.989	1.00	0.251	0.317	0.255	0.413	3.56	1.08 B	21
22	0.201B	2.46 B	0.785	1.03	0.829	1.00	0.372	0.257	0.187	0.339	3.31	0.950B	22
23	0.199B	2.21 B	0.756	0.932	0.755	1.40	0.233	0.224	0.559	0.314	2.00	0.845B	23
24	0.196B	2.00 B	0.814	0.872	0.744	0.910	0.188	0.216	0.600	1.75	1.43	0.755B	24
25	0.192B	1.82 B	0.837	0.847	0.667	0.700	0.177	0.198	1.80	2.00	1.17	0.700B	25
26	0.189B	1.70 B	0.830	0.820	0.607	1.95	0.163	0.161	1.11	1.29	1.00	0.655B	26
27	0.185B	1.57 B	0.843	0.738	0.556	1.72	0.204	0.159	0.704	1.54	0.886	0.620B	27
28	0.181B	1.47 B	0.824	0.681	0.581	0.970	0.248	0.160	0.565	3.24	0.805	0.585B	28
29	0.179B		0.886	0.798	0.570	0.717	0.177	0.142	0.498	4.07	0.766	0.560B	29
30	0.176B		1.16	1.49	0.591	0.574	0.167	0.128	0.403	2.38	0.685	0.530B	30
31	0.174B		1.87		1.02		0.164	0.110		1.60		0.515B	31
TOTAL	7.420	50.442	33.842	86.268	34.973	25.547	8.654	8.396	8.828	30.359	36.361	47.536	TOTAL
MEAN	0.239	1.80	1.09	2.88	1.13	0.852	0.279	0.271	0.294	0.979	1.21	1.53	MEAN
MAX	0.333	5.63	4.00	10.5	3.72	1.95	0.464	1.11	1.80	4.07	3.56	4.28	MAX
MIN	0.174	0.169	0.641	0.681	0.556	0.359	0.163	0.110	0.082	0.309	0.544	0.515	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.04
MAXIMUM DAILY, 10.5 ON APR 6
MINIMUM DAILY, 0.082 ON SEP 8
MAXIMUM INSTANTANEOUS,
12.5 AT 19:13 AST ON APR 6

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 17 54 N
LONG 65 42 43 W
DRAINAGE AREA, 34.4 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	641	JUL	748
FEB	4 360	AUG	725
MAR	2 920	SEP	763
APR	7 450	OCT	2 620
MAY	3 020	NOV	3 140
JUN	2 210	DEC	4 110

TOTAL DISCHARGE, 32 700 dam³

CHAMCOOK STREAM AT LITTLE CHAMCOOK LAKE OUTLET - STATION NO. 01AR012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 198[illegible]

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.132E	0.065	0.319	0.298	0.192	0.287	0.148	0.303	0.154	0.503	0.425	0.273	1
2	0.121E	0.076	0.304	0.565	0.206	0.284	0.152	0.335	0.136	0.429	0.400	0.336	2
3	0.109E	0.161	0.289	1.21	0.207	0.272	0.201	0.268	0.121	0.398	0.355	0.611	3
4	0.098E	0.187	0.272	1.33	0.211	0.255	0.249	0.160	0.105	0.360	0.315	0.965	4
5	0.089A	0.186	0.253	1.22	0.211	0.215	0.308	0.112	0.094	0.314	0.288	0.937	5
6	0.086	0.186	0.235	1.11	0.210	0.214	0.296	0.245	0.082	0.286	0.275	1.02	6
7	0.099	0.185	0.222	0.988	0.215	0.208	0.249	0.420	0.072	0.272	0.276	0.980	7
8	0.123	0.185	0.214	0.854	0.195	0.178	0.191	0.481	0.064	0.264	0.284	0.886	8
9	0.126	0.191	0.201	0.726	0.160	0.173	0.166	0.505	0.080	0.242	0.281	0.776	9
10	0.128	0.194	0.189	0.659	0.156	0.184	0.146	0.476	0.093	0.220	0.274	0.674	10
11	0.139	0.193	0.178	0.575	0.166	0.168	0.127	0.437	0.088	0.200	0.265	0.596	11
12	0.137	0.444	0.166	0.508	0.146	0.169	0.107	0.382	0.085	0.181	0.257	0.511	12
13	0.137	0.572	0.156	0.442	0.192	0.164	0.103	0.332	0.079	0.159	0.240	0.447	13
14	0.144	0.573	0.166	0.397	0.222	0.160	0.124	0.301	0.074	0.141	0.233	0.392	14
15	0.135	0.583	0.179	0.371	0.237	0.151	0.111	0.314	0.070	0.130	0.224	0.364	15
16	0.128	0.570	0.164	0.325	0.248	0.143	0.095	0.516	0.065	0.118	0.219	0.413	16
17	0.119	0.524	0.196	0.300	0.270	0.134	0.086	0.596	0.058	0.105	0.216	0.443	17
18	0.110	0.474	0.214	0.289	0.291	0.118	0.089	0.618	0.053	0.094	0.236	0.451	18
19	0.104	0.416	0.209	0.283	0.308	0.108	0.086	0.575	0.064	0.108	0.250	0.446	19
20	0.100	0.383	0.196	0.258	0.303	0.099	0.084	0.531	0.106	0.109	0.251	0.424	20
21	0.096	0.373	0.186	0.245	0.288	0.100	0.129	0.475	0.108	0.104	0.375	0.388	21
22	0.093	0.391	0.171	0.224	0.265	0.100	0.184	0.415	0.110	0.104	0.474	0.357	22
23	0.102	0.409	0.160	0.214	0.226	0.109	0.190	0.364	0.123	0.105	0.527	0.336	23
24	0.103	0.410	0.152	0.207	0.185	0.101	0.168	0.314	0.583	0.164	0.537	0.330	24
25	0.100	0.396	0.147	0.217	0.186	0.106	0.151	0.280	1.67	0.204	0.495	0.303	25
26	0.095	0.361	0.141	0.219	0.195	0.125	0.139	0.245	1.78	0.240	0.443	0.286	26
27	0.090	0.347	0.137	0.177	0.198	0.136	0.132	0.219	1.43	0.299	0.396	0.270	27
28	0.085	0.333	0.136	0.123	0.188	0.134	0.126	0.202	1.11	0.381	0.363	0.260	28
29	0.078		0.136	0.126	0.177	0.132	0.123	0.179	0.833	0.430	0.327	0.258	29
30	0.073		0.151	0.166	0.232	0.137	0.131	0.176	0.628	0.444	0.295	0.260	30
31	0.069		0.223		0.266		0.126	0.175		0.447		0.244	31
TOTAL	3.348	9.368	6.062	14.626	6.752	4.864	4.717	10.951	10.118	7.555	9.796	15.137	TOTAL
MEAN	0.108	0.335	0.196	0.488	0.218	0.162	0.152	0.353	0.337	0.244	0.327	0.488	MEAN
MAX	0.144	0.583	0.319	1.33	0.308	0.287	0.308	0.618	1.78	0.503	0.537	1.02	MAX
MIN	0.069	0.065	0.136	0.123	0.146	0.099	0.084	0.112	0.053	0.094	0.216	0.244	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.283
MAXIMUM DAILY, 1.78 ON SEP 26
MINIMUM DAILY, 0.053 ON SEP 18
MAXIMUM INSTANTANEOUS,
1.86 AT 06:58 AST ON SEP 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 09 26 N
LONG 67 05 46 W

A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	289	JUL	408
FEB	809	AUG	946
MAR	524	SEP	874
APR	1 260	OCT	653
MAY	583	NOV	846
JUN	420	DEC	1 310

TOTAL DISCHARGE, 8 920 dam³

COAL BRANCH RIVER AT BEERSVILLE - STATION NO. 01BS001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.45 B	0.690B	6.10B	11.7	5.48	6.67	1.71	0.559	0.770	2.00	6.66	2.50	1
2	1.35 B	1.00 B	5.50B	16.0	4.42	3.73	1.42	0.543	0.691	1.86	5.77	5.03	2
3	1.29 B	2.00 B	5.10B	36.9	3.74	2.64	1.24	0.515	0.670	11.4	4.87	20.0	3
4	1.20 B	4.70 B	4.70B	39.4	3.25	2.18	1.13	0.459	0.654	8.69	3.96	20.7	4
5	1.13 B	4.30 B	4.30B	52.1	2.89	1.82	1.10	0.508	0.611	5.55	3.29	12.1	5
6	1.00 B	4.00 B	3.98	61.4	2.73	1.66	1.04	0.687	0.510	3.82	3.38	20.3	6
7	1.38 B	3.70 B	3.70	36.0	5.46	2.98	1.06	1.91	0.530	9.01	6.60	19.3	7
8	1.60 B	3.40 B	3.70	21.4	5.20	2.33	1.02	1.71	0.556	17.2	6.07	13.2	8
9	2.00 B	3.20 B	3.40	24.2	3.79	2.07	0.996	1.23	0.519	27.7	5.02	9.56	9
10	1.75 B	3.00 B	3.15	40.8	2.88	8.92	0.976	1.01	0.532	27.6	4.13	8.90	10
11	1.65 B	2.89 B	2.95	23.5	2.45	11.7	0.986	0.866	0.501	13.5	3.56	10.8	11
12	1.55 B	7.00 B	2.90	16.9	2.21	6.48	1.24	0.764	0.471	8.62	3.32	9.71	12
13	1.50 B	14.0 B	2.78	12.4	2.46	4.54	1.09	0.677	0.476	6.28	2.77	7.00	13
14	1.44 B	13.0 B	2.63	9.60	2.66	3.23	1.65	0.855	0.513	4.82	2.51	5.36	14
15	1.36 B	11.5 B	2.60B	11.6	2.27	2.50	6.68	0.668	0.605	3.78	2.38	4.52	15
16	1.30 B	10.6 B	2.70B	8.68	1.97	2.28	4.67	3.56	0.585	3.26	2.24	16.1	16
17	1.23 B	9.90 B	4.10B	7.11	3.07	2.12	2.61	15.6	0.549	2.84	3.58	21.8	17
18	1.18 B	9.50 B	11.1	7.44	4.81	1.94	1.71	21.6	0.502	2.43	11.4	12.3	18
19	1.12 B	8.90 B	9.52	9.85	3.51	1.57	1.37	11.2	0.438	2.80	22.5	8.36	19
20	1.08 B	8.60 B	7.38	8.09	2.85	1.29	1.20	6.03	0.602	3.46	16.1	6.64	20
21	1.03 B	9.00 B	6.04	6.75	2.31	5.62	1.36	3.78	0.561	2.81	36.2	5.62	21
22	1.00 B	10.0 B	5.13	5.66	1.92	6.17	1.69	2.73	0.495	2.37	21.6	5.07	22
23	0.950B	9.40 B	4.50B	4.94	1.83	7.59	1.22	2.17	1.08	2.16	11.9	4.14	23
24	0.910B	8.80 B	4.40B	4.54	2.73	4.49	1.02	1.94	2.23	23.8	8.10	3.60B	24
25	0.870B	8.20 B	4.20B	4.17	2.67	3.05	0.777	1.71	10.8	18.8	6.24	3.30B	25
26	0.840B	7.70 B	4.10B	3.80	2.14	5.65	0.645	1.37	6.34	10.6	5.08	3.03B	26
27	0.800B	7.20 B	4.10B	3.52	1.86	6.33	0.807	1.19	3.99	10.9	4.31	2.81B	27
28	0.770B	6.70 B	4.20B	3.25	1.72	3.69	0.998	1.22	3.07	26.1	3.93	2.65B	28
29	0.750B		4.61	3.45	1.67	2.56	0.810	1.07	2.59	26.7	3.44	2.53B	29
30	0.720B		7.16	6.86	1.55	2.09	0.712	0.956	2.32	13.3	2.96	2.40B	30
31	0.700B		10.4		3.79		0.625	0.870		8.62		2.30B	31
TOTAL	36.900	192.880	151.13	502.01	92.29	119.89	45.562	89.957	44.761	312.78	223.87	271.63	TOTAL
MEAN	1.19	6.89	4.88	16.7	2.98	4.00	1.47	2.90	1.49	10.1	7.46	8.76	MEAN
MAX	2.00	14.0	11.1	61.4	5.48	11.7	6.68	21.6	10.8	27.7	36.2	21.8	MAX
MIN	0.700	0.690	2.60	3.25	1.55	1.29	0.625	0.459	0.438	1.86	2.24	2.30	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.71
MAXIMUM DAILY, 61.4 ON APR 6
MINIMUM DAILY, 0.438 ON SEP 19
MAXIMUM INSTANTANEOUS,
69.1 AT 11:56 AST ON APR 6

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 26 37 N
LONG 65 03 55 W
DRAINAGE AREA, 166 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 190	JUL	3 940
FEB	16 700	AUG	7 770
MAR	13 100	SEP	3 870
APR	43 400	OCT	27 000
MAY	7 970	NOV	19 300
JUN	10 400	DEC	23 500

TOTAL DISCHARGE, 180 000 dam³

COLD STREAM AT COLDSTREAM - STATION NO. 01AJ011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.03	0.397	6.29	7.75	4.17	2.99	1.93	0.423	0.254	1.83	6.10	2.51	1
2	1.04	0.595	5.84	14.2	3.63	2.35	1.78	0.373	0.251	1.81	5.65	3.08	2
3	0.981	2.80	4.75	26.2	3.35	2.12	1.57	0.346	0.242	5.51	4.78	6.72	3
4	0.909	4.01	4.00	19.1	3.13	1.99	1.37	0.398	0.249	5.59	3.98	9.32	4
5	0.914	3.67 B	3.58	22.1	2.98	1.85	1.28	0.411	0.235	4.09	3.54	7.18	5
6	0.861	3.35 B	3.38	39.1	3.02	1.78	1.32	0.748	0.224	3.38	3.41	7.62	6
7	0.826	3.10 B	3.18	20.6	3.20	2.57	2.55	1.86	0.204	4.16	3.61	9.92	7
8	0.816	2.88 B	2.94	14.4	2.72	2.50	1.74	1.05	0.196	5.19	3.92	8.70	8
9	0.804	2.72 B	2.81	15.2	2.48	2.14	1.34	0.728	0.231	3.82	3.63	7.32	9
10	0.781	2.55	2.60	20.1	2.28	3.03	1.12	0.599	0.347	3.32	3.15	6.59	10
11	0.741	2.43	2.47	15.3	2.18	2.29	1.03	0.541	0.328	3.09	2.84	6.29	11
12	0.747	12.6	2.33	11.6	2.09	1.94	0.965	0.451	0.310	2.82	2.72	5.63	12
13	0.716	11.0	2.23	9.01	3.27	1.84	0.905	0.406	0.270	2.60	2.41	4.38	13
14	0.685	9.05	2.20	7.74	3.43	1.78	0.859	0.355	0.279	2.45	2.36	3.85	14
15	0.653	7.44	1.87	7.73	2.69	1.52	0.840	0.328	0.416	2.28	2.30	3.56	15
16	0.629	6.67	1.99	6.43	2.42	1.49	0.751	1.06	0.352	2.15	2.24	3.40B	16
17	0.627	5.95	1.23	6.08	3.09	1.59	0.685	1.62	0.291	2.01	3.03	3.10B	17
18	0.591	4.67	1.48	6.26	3.04	1.32	0.621	1.40	0.259	1.87	5.10	2.85B	18
19	0.555	4.92	2.01	6.68	2.54	1.12	0.583	0.841	0.474	2.84	5.62	2.40B	19
20	0.550	7.33	2.02	6.08	2.35	1.00	0.587	0.586	5.40	2.75	4.12	2.10B	20
21	0.547	13.0	1.91	5.17	2.18	2.15	0.630	0.489	2.17	2.25	5.87	1.92B	21
22	0.501	15.4	1.76	4.13	2.01	1.76	0.786	0.441	1.24	2.04	6.33	1.80B	22
23	0.502	12.6	1.72	3.79	1.94	3.38	0.650	0.391	2.60	2.16	5.56	1.70B	23
24	0.497	10.6	1.75	3.86	1.81	2.11	0.540	0.457	2.01	10.1	4.68	1.61B	24
25	0.484	8.94	1.76	3.83	1.67	1.89	0.485	0.398	3.17	8.81	4.08	1.51B	25
26	0.472	7.38	1.69	3.54	1.86	4.34	0.457	0.341	2.15	6.87	3.69	1.41B	26
27	0.484	7.42	1.83	3.42	1.75	4.14	0.770	0.316	1.65	7.17	3.34	1.35B	27
28	0.465	6.78	1.79	3.22	1.72	2.89	0.770	0.318	2.83	9.36	3.27	1.28B	28
29	0.364		1.99	3.65	4.04	2.48	0.537	0.308	2.49	10.2	3.06	1.20B	29
30	0.439		2.49	5.71	2.65	2.16	0.493	0.291	2.09	7.57	2.74	1.11B	30
31	0.432		6.27		2.91		0.471	0.264		6.57		1.06B	31
TOTAL	20.643	179.852	84.16	321.98	82.60	66.51	30.415	18.538	33.212	136.66	117.13	122.47	TOTAL
MEAN	0.666	6.42	2.71	10.7	2.66	2.22	0.981	0.598	1.11	4.41	3.90	3.95	MEAN
MAX	1.04	15.4	6.29	39.1	4.17	4.34	2.55	1.86	5.40	10.2	6.33	9.92	MAX
MIN	0.364	0.397	1.23	3.22	1.67	1.00	0.457	0.264	0.196	1.81	2.24	1.06	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.33
MAXIMUM DAILY, 39.1 ON APR 6
MINIMUM DAILY, 0.196 ON SEP 8
MAXIMUM INSTANTANEOUS,
48.3 AT 04:55 AST ON APR 6

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 20 32 N
LONG 67 28 09 W
DRAINAGE AREA, 156 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 [illegible]80	JUL	2 630
FEB	15 500	AUG	1 600
MAR	7 270	SEP	2 870
APR	27 800	OCT	11 800
MAY	7 140	NOV	10 100
JUN	5 750	DEC	10 600

TOTAL DISCHARGE, 105 000 dam³

DENNIS STREAM NEAR ST. STEPHEN - STATION NO. 01AR006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.00 B	0.460B	4.18	7.64	4.17	2.16	1.30	0.849	0.581	4.17	6.59	1.90B	1
2	0.930B	1.05 B	3.65	18.1	4.27	2.17	1.06	0.789	0.545	3.56	4.83	5.59	2
3	0.880B	8.60 B	3.12	26.2	3.54	1.99	0.891	0.708	0.496	4.42	3.85	10.3	3
4	0.830B	8.00 B	2.69	24.5	2.66	1.77	0.782	0.638	0.452	4.17	2.96	12.2	4
5	0.780B	7.40 B	2.34	18.3	2.17	1.54	0.741	0.587	0.374	4.01	2.44	11.4	5
6	0.740B	6.40 B	2.01	16.4	2.20	1.30	0.934	3.95	0.311	3.55	2.55	11.7	6
7	0.700B	5.90 B	1.75	14.3	3.06	1.28	0.942	6.13	0.244	3.53	3.32	10.8	7
8	1.80 B	5.50 B	1.62	11.3	2.02	1.20	0.739	7.09	0.213	3.39	5.53	9.46	8
9	1.65 B	5.00 B	1.62	9.04	1.94	1.53	0.645	6.96	0.410	3.11	5.55	7.90	9
10	1.45 B	4.70 B	1.56	7.47	1.90	1.98	0.575	5.39	0.487	2.72	5.25	6.45	10
11	1.30 B	4.60 B	1.51	6.12	1.77	1.94	0.540	3.78	0.375	2.36	4.53	5.35	11
12	1.20 B	9.00 B	1.49	4.98	1.78	1.91	0.537	2.61	0.336	2.15	3.63	4.23	12
13	1.10 B	17.0 B	1.41	4.08	3.15	1.82	0.514	2.01	0.319	1.94	2.86	3.42	13
14	1.02 B	15.0 B	1.35B	3.51	3.47	1.52	0.597	1.61	0.305	1.74	2.32	2.40B	14
15	0.950B	12.5 B	1.30B	3.24	3.46	1.30	0.740	1.56	0.296	1.57	2.09	2.20B	15
16	0.900B	10.8 B	1.28B	2.93	3.53	1.16	0.884	14.3	0.308	1.47	2.05	2.70B	16
17	0.840B	9.20 B	1.74B	2.80	4.90	1.09	1.09	21.1	0.292	1.35	2.46	4.60B	17
18	0.780B	8.20 B	2.26B	2.83	4.98	0.968	1.06	26.0	0.295	1.31	4.38	4.00B	18
19	0.740B	7.40 B	2.30B	2.78	4.55	0.849	0.963	18.3	0.620	1.78	5.45	3.60B	19
20	0.700B	6.78 B	2.10B	2.64	3.96	0.764	0.856	10.8	2.44	1.93	5.81	3.40B	20
21	0.660B	7.20 B	1.80B	2.60	3.18	1.11	1.86	6.39	2.38	2.01	11.5	3.20B	21
22	0.640B	9.00 B	1.60B	2.31	2.31	1.48	2.23	4.06	3.38	1.98	10.5	3.10B	22
23	0.600B	8.90 B	1.43B	2.07	2.02	3.17	1.85	2.61	3.88	1.94	9.57	2.90B	23
24	0.580B	8.25 B	1.30B	2.29	2.04	3.18	1.69	1.98	30.8	4.73	7.43	2.80B	24
25	0.560B	7.00 B	1.15B	3.09	1.78	3.31	1.44	1.51	34.9	5.24	5.25	2.65B	25
26	0.540B	6.00 B	1.28B	2.59	1.54	4.07	1.19	1.25	33.1	6.12	3.94	2.55B	26
27	0.520B	5.03	1.38B	2.37	1.39	3.71	1.18	1.06	24.5	7.92	3.20	2.50B	27
28	0.510B	4.67	1.61	2.23	1.22	2.66	1.08	0.922	14.5	10.8	2.45B	2.40B	28
29	0.500B		2.26	2.64	1.14	2.04	0.959	0.814	8.44	12.2	2.20B	2.30B	29
30	0.480B		4.28	4.04	1.50	1.60	1.05	0.718	5.65	11.8	2.00B	2.25B	30
31	0.460B		7.23		1.93		0.976	0.629		9.24		2.20B	31
TOTAL	26.340	209.540	66.56	215.39	83.53	56.571	31.895	157.104	171.229	128.21	136.49	152.45	TOTAL
MEAN	0.850	7.48	2.15	7.18	2.69	1.89	1.03	5.07	5.71	4.14	4.55	4.92	MEAN
MAX	1.80	17.0	7.23	26.2	4.98	4.07	2.23	26.0	34.9	12.2	11.5	12.2	MAX
MIN	0.460	0.460	1.15	2.07	1.14	0.764	0.514	0.587	0.213	1.31	2.00	1.90	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.93
MAXIMUM DAILY, 34.9 ON SEP 25
MINIMUM DAILY, 0.213 ON SEP 8
MAXIMUM INSTANTANEOUS,
52.7 AT 16:27 AST ON SEP 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 12 35 N
LONG 67 15 45 W
DRAINAGE AREA, 114 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 280	JUL	2 760
FEB	18 100	AUG	13 600
MAR	5 750	SEP	14 800
APR	18 600	OCT	11 100
MAY	7 220	NOV	11 800
JUN	4 890	DEC	13 200

TOTAL DISCHARGE, 124 000 dam³

EAST GRAND LAKE AT FOREST CITY - STATION NO. 01AR009

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	132.098	131.865	132.125	132.146	132.345	132.374	132.194	131.831	131.783	132.080	132.282	132.302	1
2	132.092	131.863	132.135	132.188	132.347	132.364	132.182	131.811	131.775	132.074	132.284	132.310	2
3	132.086	131.896	132.133	132.241	132.351	132.352	132.173	131.792	131.766	132.095	132.283	132.333	3
4	132.081	131.896	132.127	132.280	132.355	132.338	132.157	131.772	131.757	132.093	132.271	132.333	4
5	132.069	131.892	132.133	132.324	132.349	132.333	132.141	131.761	131.751	132.095	132.263	132.327	5
6	132.061	131.889	132.136	132.366	132.357	132.323	132.137	131.787	131.743	132.091	132.251	132.331	6
7	132.058	131.892	132.139	132.403	132.367	132.325	132.136	131.803	131.734	132.096	132.258	132.347	7
8	132.058	131.901	132.140	132.431	132.356	132.310	132.125	131.807	131.723	132.109	132.269	132.351	8
9	132.042	131.911	132.140	132.453	132.352	132.300	132.119	131.807	131.718	132.120	132.263	132.340	9
10	132.040	131.909	132.141	132.476	132.349	132.302	132.105	131.805	131.716	132.119	132.252	132.328	10
11	132.040	131.917	132.145	132.494	132.345	132.288	132.091	131.801	131.710	132.116	132.245	132.316	11
12	132.033	131.940	132.141	132.504	132.351	132.284	132.072	131.796	131.706	132.119	132.245	132.305	12
13	132.026	131.958	132.137	132.503	132.363	132.277	132.054	131.796	131.702	132.115	132.238	132.285	13
14	132.018	131.970	132.140	132.479	132.366	132.264	132.057	131.796	131.694	132.105	132.230	132.257	14
15	132.012	131.981	132.145	132.490	132.357	132.251	132.055	131.784	131.688	132.099	132.225	132.251	15
16	132.003	131.990	132.139	132.455	132.358	132.246	132.029	131.812	131.675	132.095	132.223	132.245	16
17	131.993	131.996	132.155	132.432	132.381	132.241	132.011	131.840	131.661	132.085	132.241	132.230	17
18	131.980	131.998	132.175	132.419	132.390	132.229	131.998	131.851	131.644	132.064	132.272	132.212	18
19	131.974	132.002	132.174	132.406	132.384	132.213	131.995	131.851	131.667	132.073	132.298	132.203	19
20	131.969	132.008	132.174	132.390	132.381	132.207	131.984	131.851	131.727	132.076	132.316	132.191	20
21	131.957	132.021	132.166	132.386	132.379	132.214	131.966	131.848	131.735	132.076	132.337	132.171	21
22	131.944	132.043	132.160	132.372	132.375	132.202	131.959	131.840	131.741	132.079	132.359	132.150	22
23	131.940	132.057	132.152	132.357	132.375	132.206	131.957	131.838	131.760	132.087	132.368	132.132	23
24	131.939	132.065	132.145	132.346	132.373	132.208	131.943	131.838	131.861	132.113	132.367	132.123	24
25	131.934	132.083	132.134	132.347	132.366	132.206	131.925	131.838	131.993	132.128	132.362	132.109	25
26	131.920	132.101	132.130	132.343	132.366	132.213	131.905	131.831	132.036	132.138	132.354	132.094	26
27	131.907	132.114	132.127	132.338	132.361	132.221	131.898	131.821	132.060	132.161	132.349	132.077	27
28	131.899	132.119	132.123	132.332	132.357	132.220	131.887	131.815	132.081	132.208	132.344	132.066	28
29	131.891		132.119	132.330	132.356	132.215	131.872	131.806	132.088	132.249	132.343	132.055	29
30	131.885		132.119	132.343	132.358	132.206	131.863	131.795	132.088	132.263	132.327	132.040	30
31	131.877		132.129		132.373		131.846	131.790		132.274		132.018	31
MEAN	131.994	131.974	132.141	132.379	132.363	132.264	132.027	131.813	131.793	132.119	132.291	132.220	MEAN
MAX	132.098	132.119	132.175	132.504	132.390	132.374	132.194	131.851	132.088	132.274	132.368	132.351	MAX
MIN	131.877	131.863	132.119	132.146	132.345	132.202	131.846	131.761	131.644	132.064	132.223	132.018	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 132.115
MAXIMUM DAILY, 132.504 ON APR 12
MINIMUM DAILY, 131.644 ON SEP 18
MAXIMUM INSTANTANEOUS,
132.512 AT 10:00 EST ON APR 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 39 54 N
LONG 67 44 10 W

REGULATED

WATER LEVELS ARE REFERRED TO INTERNATIONAL BOUNDARY COMMISSION DATUM

NEW BRUNSWICK

EEL RIVER NEAR EEL RIVER CROSSING - STATION NO. 01BJ004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.570B	0.274B	1.02 B	3.88	12.7	3.27	2.89	0.320E	0.330	0.645	3.91	2.00 B	1
2	0.540B	0.600B	0.970B	4.97	12.3	2.74	2.50 A	0.300E	0.320	0.588	3.66	3.10 B	2
3	0.520B	1.00 B	0.939B	7.98	11.8	2.09	2.30 E	0.290E	0.321	2.86	3.27	4.57	3
4	0.500B	0.900B	0.900B	7.25	10.8	2.07	2.15 E	0.560E	0.320	1.92	2.84	5.20	4
5	0.480B	0.810B	0.860B	9.74	10.6	1.90	2.40 E	0.450E	0.317	1.24	2.58	4.80	5
6	0.460B	0.710B	0.845B	13.2	10.5	1.63	2.30 E	0.360E	0.314	1.01	2.45	9.43	6
7	0.440B	0.630B	0.820B	11.4	11.5	3.46	1.80 E	0.760E	0.285	1.78	2.69	20.0	7
8	0.426B	0.565B	0.795B	8.80	8.45	2.48	1.33 A	0.630E	0.286	9.47	2.94	15.6	8
9	0.415B	0.525B	0.770B	9.21	7.27	2.27	1.14	0.580E	0.426	7.82	2.53	11.6	9
10	0.404B	0.490B	0.755B	15.6	6.79	6.10	1.04 A	0.720E	0.591	5.67	2.07	9.56	10
11	0.395B	0.480B	0.735B	15.3	6.01	5.54	1.00 E	0.698A	0.458	4.35	1.62	8.19	11
12	0.386B	0.700B	0.720B	10.3	5.24	4.30	0.950E	0.632	0.417	3.64	1.37	6.96	12
13	0.378B	1.00 B	0.700B	8.00	9.68	3.73	0.920E	0.576	0.406	3.16	1.30	6.14	13
14	0.370B	1.35 B	0.680B	7.73	10.5	3.36	1.30 E	0.473	0.375	2.79	1.27	5.20 B	14
15	0.360B	1.22 B	0.670B	8.35	7.81	3.14	1.70 E	0.408	0.331	2.43	1.20	4.40 B	15
16	0.352B	1.06 B	0.660B	6.46	6.40	2.94	1.30 E	1.71	0.304	2.20	1.11	3.70 B	16
17	0.344B	0.940B	2.00 B	5.55	5.99	3.62	1.00 E	1.50	0.295	1.98	1.16	3.10 B	17
18	0.336B	0.850B	2.30 B	5.56	5.30	3.04	0.850E	3.48	0.275	1.67	1.26	2.70 B	18
19	0.328B	0.790B	1.90 B	5.48	4.48	2.35	0.800E	1.67	0.353	2.77	1.29	2.30 B	19
20	0.322B	0.750B	1.66 B	5.31	3.95	1.82	0.770E	0.979	2.93	2.44	1.33	1.95 B	20
21	0.316B	0.800B	1.52 B	5.02	3.52	1.48	0.730E	0.804	1.16	2.02	5.37	1.70 B	21
22	0.310B	0.950B	1.40 B	4.51	2.78	1.46	0.660E	0.701	0.791	1.94	5.87	1.52 B	22
23	0.305B	1.20 B	1.31 B	4.36	2.47	5.65	0.590E	0.628	0.614	3.46	4.29	1.40 B	23
24	0.300B	1.50 B	1.23 B	4.98	1.91	3.74	0.520E	0.574	0.543	6.64	3.58	1.28 B	24
25	0.296B	1.36 B	1.16 B	5.42	1.34	3.23	0.460E	0.558	0.475	5.54	3.15	1.17 B	25
26	0.292B	1.25 B	1.12 B	6.18	1.29	7.55	0.430E	0.498	0.449	4.68	2.91	1.08 B	26
27	0.288B	1.16 B	1.10 B	8.04	1.36	6.59	0.560E	0.449	0.440	4.95	2.63	1.02 B	27
28	0.284B	1.08 B	1.50 B	9.30	2.63	4.86	0.460E	0.428	0.583	7.81	2.35	0.960B	28
29	0.280B		1.96	10.7	4.29	4.00	0.420E	0.409	0.703	5.86	2.24	0.910B	29
30	0.278B		3.09	14.3	4.09	3.44	0.400E	0.371	0.821	4.89	2.08B	0.880B	30
31	0.276B		3.86		3.99		0.360E	0.366		4.29		0.850B	31
TOTAL	11.551	24.944	39.949	242.88	197.74	103.85	36.030	22.882	16.231	111.513	76.32	143.270	TOTAL
MEAN	0.373	0.891	1.29	8.10	6.38	3.46	1.16	0.738	0.541	3.60	2.54	4.62	MEAN
MAX	0.570	1.50	3.86	15.6	12.7	7.55	2.89	3.48	2.93	8.47	5.87	20.0	MAX
MIN	0.276	0.274	0.660	3.88	1.29	1.46	0.360	0.290	0.275	0.588	1.11	0.850	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.81
MAXIMUM DAILY, 20.0 ON DEC 7
MINIMUM DAILY, 0.274B ON FEB 1
MAXIMUM INSTANTANEOUS,
20.9 AT 13:23 AST ON DEC 7

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 00 52 N
LONG 66 26 18 W
DRAINAGE AREA, 88.6 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	998	JUL	3 110
FEB	2 160	AUG	1 980
MAR	3 450	SEP	1 400
APR	21 000	OCT	9 630
MAY	17 100	NOV	6 590
JUN	8 970	DEC	12 400

TOTAL DISCHARGE, 88 800 dam³

EEL RIVER NEAR SCOTT SIDING - STATION NO. 01AK008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.85B	2.09B	28.0 B	26.6	16.3	11.1	8.52	2.96	3.80	29.8	38.1	17.0 B	1
2	3.75B	4.50B	25.0 B	32.8	15.6	10.5	7.28	2.83	3.51	26.6	34.0	19.3 B	2
3	3.65B	9.50B	22.5 B	44.7	14.0	9.72	6.53	2.58	3.17	28.2	30.0	21.2	3
4	3.55B	21.0 B	20.0 B	50.9	12.6	8.53	5.87	2.47	2.87	30.4	26.6	26.7	4
5	3.45B	18.5 B	18.1 B	56.7	11.9	7.77	5.36	2.33	2.60	30.5	23.5	28.2	5
6	3.39B	16.3 B	16.2	66.7	11.5	6.89	5.44	3.29	2.26	28.3	21.4	29.7	6
7	3.30B	14.8 B	14.9	71.0	11.3	7.01	6.81	6.71	2.11	28.8	20.5	35.0	7
8	3.22B	13.1 B	14.0 B	67.7	10.7	7.53	7.43	8.36	2.03	41.3	21.9	39.3	8
9	3.14B	12.1 B	12.9 B	62.2	10.3	7.68	7.14	8.33	2.07	47.7	22.5	39.6	9
10	3.05B	10.9 B	12.5	56.7	9.74	8.12	6.05	7.36	2.20	47.4	21.3	36.8	10
11	3.00B	10.0 B	11.7	53.6	8.66	7.60	5.12	6.13	2.11	40.4	19.0	33.2	11
12	2.92B	14.0 B	10.9 B	48.3	7.86	7.21	4.56	5.37	2.04	33.3	16.9	29.7	12
13	2.85B	20.0 B	10.1 B	41.8	9.33	6.70	4.06	4.54	2.07	27.5	15.3	26.9	13
14	2.80B	26.5 B	9.40B	36.6	11.3	6.29	4.31	3.84	2.21	23.3	14.2	24.6	14
15	2.75B	25.0 B	8.80B	33.1	11.2	5.70	5.03	3.48	2.64	20.4	13.2	20.6	15
16	2.70B	23.5 B	8.40B	28.6	10.8	5.57	4.48	5.71	2.63	17.5	12.4	19.5	16
17	2.63B	22.5 B	8.00B	25.9	10.9	6.53	4.06	10.5	2.27	15.7	15.0	17.3 B	17
18	2.58B	21.3 B	8.50B	23.3	11.4	5.98	3.96	12.3	1.98	14.2	22.2	15.4 B	18
19	2.52B	20.0 B	10.1	22.2	11.3	5.37	6.68	11.7	3.15	15.5	29.2	13.9 B	19
20	2.49B	24.0 B	9.75	21.2	10.1	4.81	7.00	10.2	15.5	17.6	30.8	12.6 B	20
21	2.45B	29.0 B	9.00	19.7	9.08	7.34	6.57	8.88	19.6	17.2	33.7	11.6 B	21
22	2.40B	37.5 B	8.50B	16.8	8.29	9.40	6.54	7.84	18.3	16.0	36.6	10.5 B	22
23	2.35B	44.0 B	8.30B	15.0	7.28	11.6	5.66	7.48	22.8	15.0	36.3	9.40B	23
24	2.31B	49.0 B	8.20	14.3	6.50	11.2	5.08	8.59	32.0	20.9	32.9	8.40B	24
25	2.29B	45.0 B	8.13	14.7	6.04	10.1	4.46	8.06	50.5	27.4	28.8	7.60B	25
26	2.25B	41.0 B	8.10	15.1	6.30	12.8	4.03	6.89	57.0	29.1	24.5	6.95B	26
27	2.21B	36.5 B	8.27	14.6	6.78	15.8	4.06	6.15	53.7	29.4	21.2	6.40B	27
28	2.20B	33.5 B	8.42	13.5	9.60	14.6	3.91	5.63	48.0	33.5	19.3	5.80B	28
29	2.15B		9.32	13.1	10.5	12.1	3.57	4.98	41.6	41.0	17.9	5.20B	29
30	2.12B		12.6	15.6	10.4	10.0	3.53	4.44	35.5	44.1	15.6B	4.70B	30
31	2.10B		20.4		10.4		3.37	4.11		42.3		4.30B	31
TOTAL	86.42	645.09	388.99	1 023.0	317.96	261.55	166.47	194.04	442.22	880.3	714.8	587.35	TOTAL
MEAN	2.79	23.0	12.5	34.1	10.3	8.72	5.37	6.26	14.7	28.4	23.8	18.9	MEAN
MAX	3.85	49.0	28.0	71.0	16.3	15.8	8.52	12.3	57.0	47.7	38.1	39.6	MAX
MIN	2.10	2.09	8.00	13.1	6.04	4.81	3.37	2.33	1.98	14.2	12.4	4.30	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.6
MAXIMUM DAILY, 71.0 ON APR 7
MINIMUM DAILY, 1.98 ON SEP 18
MAXIMUM INSTANTANEOUS,
71.3 AT 00:39 AST ON APR 7

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 56 12 N
LONG 67 32 49 W
DRAINAGE AREA, 531 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 470	JUL	14 400
FEB	55 700	AUG	16 800
MAR	33 600	SEP	38 200
APR	88 400	OCT	76 100
MAY	27 500	NOV	61 800
JUN	22 600	DEC	50 700

TOTAL DISCHARGE, 493 000 dam³

FISH RIVER NEAR FORT KENT - STATION NO. 01AE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.6B	11.0B	78.7	44.2	101	90.0	35.7A	10.8 A	61.7	22.7	128	49.6	1
2	15.3B	11.2B	78.7	50.7	101	89.2	34.3A	10.3 A	56.1	22.5	122	47.6	2
3	15.0B	18.7B	76.7	56.9	101	86.7	32.6A	9.91A	51.3	24.3	115	44.7	3
4	14.7B	18.7B	74.8	64.0	100	83.8	30.9A	10.3 A	46.4	26.4	109	45.0	4
5	14.4B	18.7B	72.5	78.7	98.3	80.4	29.2A	9.63A	41.9	26.2	103	43.6	5
6	13.9B	18.7B	69.9	98.3	95.7	79.3	27.8A	19.5 A	38.5	26.2	98.0	43.3	6
7	13.7B	17.6B	66.5	113	92.6	70.5	29.7A	56.9 A	35.7	28.3	93.7	51.8	7
8	13.6B	16.1B	63.4	122	89.2	64.0	28.0A	62.0 A	33.4	38.2	89.2	56.4	8
9	13.3B	15.4B	60.6	132	86.4	61.7	26.9A	69.9 A	33.1	41.9	85.0	58.3	9
10	13.0B	15.3B	57.2	149	82.4	57.8	25.5A	76.7 A	32.0	45.0	79.6	60.0	10
11	12.7B	15.4B	54.4	164	77.3	55.5	24.2A	80.1 A	29.7	47.3	74.8	60.0	11
12	12.6B	16.1B	51.5	172	73.3	51.5	22.5A	85.0 A	28.3	47.9	69.9	59.7	12
13	12.5B	17.7B	49.0	173	71.4	48.1	21.9A	85.0 A	26.7	48.1	65.7	57.8	13
14	12.3B	20.5B	46.2	171	85.5	45.0	21.2A	82.1 A	25.6	47.9	61.7	56.1	14
15	12.2B	22.9B	43.3	168	90.9	41.9	22.7A	78.2 A	24.5	47.3	57.5	54.4	15
16	12.2B	25.5B	41.1	160	90.6	41.3	21.4A	78.2 A	22.9	46.2	54.4	53.5	16
17	12.0B	27.8B	39.6	151	92.6	43.0	20.1A	85.8 A	21.4	44.5	51.3	53.0	17
18	11.9B	31.1B	39.1	143	108	40.5	19.1A	127 A	20.3	43.3	51.5	50.4	18
19	11.6B	34.0B	37.1	137	111	38.2	18.3A	132 A	19.7	50.4	53.0	49.0	19
20	11.3B	39.6B	35.4	130	111	36.2	17.7A	136 A	19.9	51.8	51.8	47.9	20
21	11.3B	43.9B	33.7	122	109	34.8	17.0A	131	19.5	51.8	56.1	46.4	21
22	11.3B	48.1B	32.6	115	106	34.0	15.9A	125	18.9	51.8	61.7	43.3	22
23	11.2B	53.8B	31.7	108	101	34.5	14.7A	119	18.5	54.1	61.7	41.6	23
24	11.0B	59.5B	31.4	103	96.3	32.6	14.0A	114	21.6	75.3	61.2	41.1	24
25	11.0B	65.4B	30.9	101	90.6	31.7	13.2A	107	22.5	86.7	60.6	39.6	25
26	10.9B	71.1	30.6	98.0	85.5	37.1	12.7A	100	22.7	94.6	58.6	38.2	26
27	10.9B	75.6	30.0	95.4	83.8	38.5	13.2A	93.7	23.2	104	57.2	36.8B	27
28	10.8B	77.6	29.4	93.2	81.0	38.5	12.7A	86.4	23.8	124	56.1	35.4B	28
29	10.9B		30.0	90.9	78.4	38.2A	12.3A	79.6	23.2	132	53.2	34.5	29
30	10.9B		32.6	97.1	83.0	38.2A	11.8A	73.6	22.3	133	50.7	33.7	30
31	10.9B		40.2		88.1		11.2A	67.4		131		33.1	31
TOTAL	384.9	907.0	1 488.8	3 501.4	2 861.9	1 562.7	658.4	2 402.04	885.3	1 814.7	2 191.2	1 465.8	TOTAL
MEAN	12.4	32.4	48.0	117	92.3	52.1	21.2	77.5	29.5	58.5	73.0	47.3	MEAN
MAX	15.6	77.6	78.7	173	111	90.0	35.7	136	61.7	133	128	60.0	MAX
MIN	10.8	11.0	29.4	44.2	71.4	31.7	11.2	9.63	18.5	22.5	50.7	33.1	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 55.1
MAXIMUM DAILY, 173 ON APR 13
MINIMUM DAILY, 9.63A ON AUG 5
MAXIMUM INSTANTANEOUS,
174 AT 03:00 EST ON APR 13

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 14 14 N
LONG 68 34 56 W
DRAINAGE AREA, 2 260 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	33 300	JUL	56 900
FEB	78 400	AUG	208 000
MAR	129 000	SEP	76 500
APR	303 000	OCT	157 000
MAY	247 000	NOV	189 000
JUN	135 000	DEC	127 000

TOTAL DISCHARGE, 1 740 000 dam³

FOREST CITY STREAM BELOW FOREST CITY DAM - STATION NO. 01AR011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.96	8.17	5.93	7.90	4.19	10.3	10.6	10.4	4.07	9.67	9.83	11.8	1
2	9.90	8.15	4.83	8.88	4.20	11.3	10.5	10.3	4.04	9.63	9.89	11.8	2
3	9.89	8.39	3.72	8.21	4.21	11.9	10.4	10.1	4.02	9.74	9.86	17.5	3
4	9.85	8.40	3.71	8.34	4.24	11.8	10.3	9.98	4.02	9.79	9.78	22.8	4
5	9.75	8.37	3.76	8.46	4.23	11.8	10.3	6.71	4.00	9.75	9.84	22.7	5
6	9.76	8.37	3.75	8.54	4.17	11.6	10.2	4.10	3.97	9.72	9.85	22.7	6
7	9.67	8.36	3.73	8.76	4.21	11.6	10.2	4.11	3.97	9.80	9.86	22.8	7
8	9.58	6.65	3.74	8.92	4.17	11.5	10.1	4.12	3.95	10.0	9.87	22.8	8
9	9.52	5.43	3.75	9.04	5.65	11.4	11.8	4.10	3.92	10.0	9.93	22.8	9
10	9.51	5.43	3.69	9.20	5.73	11.5	12.9	4.11	3.91	10.0	9.90	22.8	10
11	9.49	5.41	5.21	9.31	4.29	11.2	12.8	4.13	3.90	9.95	9.83	22.6	11
12	9.54	5.43	6.07	9.46	4.30	11.1	12.5	4.12	3.91	9.87	9.80	22.3	12
13	9.50	5.52	6.06	17.9	4.31	11.2	12.3	4.09	3.89	9.86	9.81	22.0	13
14	9.44	5.62	6.08	24.9	4.32	11.2	12.4	4.07	3.88	9.28	9.77	21.6	14
15	9.36	5.59	6.09	25.1	4.30	11.1	12.3	4.08	5.45	8.94	9.76	21.5	15
16	9.29	5.58	6.11	24.5	4.31	11.0	12.1	4.16	6.88	8.93	8.50	21.5	16
17	9.20	5.62	6.14	22.5	4.34	11.0	12.1	4.19	6.84	8.80	6.58	21.2	17
18	9.07	5.68	6.98	21.6	4.30	11.0	11.9	4.16	6.75	8.78	7.89	20.9	18
19	9.09	5.67	7.90	21.5	4.27	10.9	11.9	4.17	6.84	8.91	8.84	20.7	19
20	9.04	5.67	7.86	15.5	4.25	10.8	11.7	4.16	7.28	8.92	10.4	20.4	20
21	8.88	5.69	7.92	12.1	4.28	10.9	11.6	4.14	7.24	8.91	12.0	20.3	21
22	8.81	5.73	7.91	12.0	4.29	10.8	11.6	4.14	7.29	8.91	12.1	19.9	22
23	8.78	5.79	7.87	10.8	4.30	10.8	11.4	4.14	7.44	8.95	12.2	18.6	23
24	8.75	5.79	7.82	11.1	4.28	10.7	11.4	4.15	8.25	9.05	12.2	17.5	24
25	8.70	5.84	7.85	11.5	4.27	10.7	11.3	4.14	9.10	9.15	12.2	17.4	25
26	8.67	5.86	7.85	11.4	7.47	10.8	11.1	4.14	9.47	9.21	12.1	17.2	26
27	8.60	5.87	7.76	9.39	10.2	10.9	11.0	4.12	9.64	9.31	12.0	17.0	27
28	8.50	5.88	7.75	8.54	10.2	10.8	10.8	4.11	9.83	9.49	12.0	16.9	28
29	8.41		7.77	8.54	10.2	10.8	10.7	4.08	9.87	9.60	12.0	16.8	29
30	8.35		7.78	5.45	10.2	10.7	10.7	4.07	9.83	9.76	11.9	16.5	30
31	8.27		7.79		10.4		10.5	4.07		9.85		16.2	31
TOTAL	285.13	177.96	191.18	378.54	168.00	333.1	351.4	154.66	183.45	292.53	310.89	609.5	TOTAL
MEAN	9.20	6.36	6.17	12.6	5.42	11.1	11.3	4.99	6.12	9.44	10.3	19.7	MEAN
MAX	9.96	8.40	7.92	25.1	10.4	11.9	12.9	10.4	9.87	10.0	12.2	22.8	MAX
MIN	8.27	5.41	3.69	5.45	4.17	10.3	10.1	4.07	3.88	8.78	6.58	11.8	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.41
MAXIMUM DAILY, 25.1 ON APR 15
MINIMUM DAILY, 3.69 ON MAR 10
MAXIMUM INSTANTANEOUS,
25.7 AT 14:38 EST ON APR 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 39 51 N
LONG 67 44 04 W
DRAINAGE AREA, 357 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	24 600	JUL	30 400
FEB	15 400	AUG	13 400
MAR	16 500	SEP	15 900
APR	32 700	OCT	25 300
MAY	14 500	NOV	26 800
JUN	28 800	DEC	52 700

TOTAL DISCHARGE, 297 000 dam³

NEW BRUNSWICK

FRENCH LAKE AT LAKEVILLE CORNER - STATION NO. 01AO010

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.301	1.116	---	1.817	---	2.079	2.014	1.221	1.939	2.139	3.216	2.010	1
2	1.290	1.088	---	1.997	---	2.137	1.979	1.212	1.872	2.123	3.169	1.963	2
3	1.256	1.135	---	2.299	---	2.177	1.919	1.197	1.795	2.098	3.063	2.044	3
4	1.249	1.229	---	2.683	---	2.195	1.886	1.195	1.726	2.083	2.966	2.156	4
5	1.242	1.343	---	3.016	---	2.207	1.865	1.184	1.665	2.059	2.844	2.218	5
6	1.225	1.463	---	3.346	---	2.211	1.825	1.249	1.583	2.010	2.736	2.273	6
7	1.222	1.569	---	3.714	---	2.199	1.791	1.274	1.484	1.957	2.645	2.309	7
8	1.265	1.677	---	4.027	---	2.172	1.762	1.353	1.375	1.932	2.555	2.369	8
9	1.293	1.746	---	4.189	---	2.147	1.707	1.496	---	1.935	2.486	2.468	9
10	1.328	1.767	---	4.254	---	2.136	1.637	1.649	---	1.948	2.422	2.537A	10
11	1.369	1.792	---	4.330	2.581A	2.116	1.551	1.790	---	1.956	2.379	---	11
12	1.381	1.896	2.310A	4.383	2.503	2.092	1.474	1.903	---	1.961	2.335	---	12
13	1.359	2.119	2.265E	4.354	2.426	2.032	1.391	1.966	---	1.968	2.306	---	13
14	1.351	2.351	2.222E	4.259	2.388	1.960	1.336	1.975	---	1.987	2.296	---	14
15	1.337	2.465	2.135A	4.125	2.371	1.894	1.263	1.982	---	2.003	2.258	---	15
16	1.316	2.481	2.048A	3.969	2.386A	1.843	1.265	2.046	1.181A	2.011	2.193	---	16
17	1.296	2.480	1.982A	3.851	2.438A	1.820	1.294	2.165	1.195	1.987	2.146	---	17
18	1.276	2.460	1.921A	3.716	2.479A	1.770	1.315	2.277	1.207	1.959	2.124	---	18
19	1.261	2.425	1.867A	3.573	2.523A	1.721	1.332	2.397	1.232	1.964	2.129	---	19
20	1.266	2.389	1.817A	3.455	2.527	1.693	1.335	2.495	1.262	1.933	2.199	---	20
21	1.287	2.373	1.786E	3.336	2.526	1.668	1.345	2.584	1.308	1.925	2.291	---	21
22	1.309	2.389	1.771E	3.197	2.526	1.662	1.391	2.618	1.356	1.919	2.417	---	22
23	1.338	2.478	1.746E	---	2.498	1.707A	1.412	2.615	1.423	1.891	2.469	---	23
24	1.349	---	1.739E	---	2.429	1.755	1.408	2.559	1.486	1.902	2.469	---	24
25	1.338	---	1.714A	---	2.319	1.788	1.376	2.475	1.572	2.013	2.447	---	25
26	1.308	---	1.705	---	2.223	1.902	1.333	2.369	1.676	2.192	2.380	---	26
27	1.275	---	1.702	---	2.140	1.992	1.294	2.279	1.824	2.396	2.315	---	27
28	1.245	---	1.669	---	2.085	2.024	1.256	2.206	1.978	2.638	2.268	---	28
29	1.217		1.651	---	2.054	2.043	1.238	2.138	2.082	2.873	2.190	---	29
30	1.186		1.644	---	2.043	2.033	1.235	2.076	2.133	3.088	2.093	---	30
31	1.157		1.668A		2.040		1.225	2.009		3.204		---	31
MEAN	1.287	---	---	---	---	1.973	1.499	1.934	---	2.131	2.460	---	MEAN
MAX	1.381	---	---	---	---	2.211	2.014	2.618	---	3.204	3.216	---	MAX
MIN	1.157	---	---	---	---	1.662	1.225	1.184	---	1.891	2.093	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 4.383 ON APR 12
MINIMUM DAILY, 1.088 ON FEB 2
MAXIMUM INSTANTANEOUS,
4.388 AT 13:58 AST ON APR 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 54 30 N
LONG 66 15 31 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

GRAND FALLS LAKE AT GRAND FALLS - STATION NO. 01AR013

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	61.777	61.742	61.969	62.011	61.981	61.808	61.899	61.748	61.760	61.930	61.813	61.969	1
2	61.777	61.760	61.951	62.079	61.972	61.828	61.874	61.729	61.738	61.887	61.782	61.998	2
3	61.788	61.838	61.922	62.167	61.960	61.840	61.865	61.704	61.714	61.850	61.828	62.008	3
4	61.783	61.886	61.894	62.169	61.926	61.856	61.855	61.681	61.695	61.831	61.860	62.053	4
5	61.779	61.927	61.867	62.105	61.915	61.870	61.848	61.656	61.685	61.798	61.867	62.042	5
6	61.777	61.967	61.829	62.064	61.907	61.864	61.856	61.691	61.680	61.746	61.865	62.012	6
7	61.787	62.001	61.789	62.041	61.899	61.877	61.864	61.789	61.674	61.703	61.871	62.012	7
8	61.806	62.035	61.762	61.984	61.878	61.880	61.862	61.853	61.666	61.677	61.898	62.028	8
9	61.807	62.050	61.753	61.955	61.861	61.889	61.858	61.871	61.649	61.642	61.910	62.013	9
10	61.809	62.006	61.733	61.984	61.847	61.919	61.852	61.886	61.610	61.596	61.913	61.970	10
11	61.820	61.963	61.708	61.974	61.833	61.927	61.845	61.873	61.542	61.554	61.912	61.925	11
12	61.812	61.967	61.689	61.946	61.855	61.921	61.841	61.857	61.519	61.537	61.908	61.945	12
13	61.812	61.951	61.684	61.883	61.908	61.894	61.833	61.845	61.502	61.516	61.889	61.949	13
14	61.810	61.935	61.687	61.858	61.963	61.892	61.866	61.857	61.464	61.485	61.865	61.896	14
15	61.807	61.913	61.697	61.901	61.974	61.879	61.885	61.848	61.429	61.449	61.842	61.877	15
16	61.799	61.927	61.685	61.886	61.979	61.863	61.875	61.977	61.400	61.417	61.824	61.877	16
17	61.794	61.932	61.694	61.876	61.986	61.870	61.851	62.098	61.387	61.379	61.833	61.901	17
18	61.786	61.924	61.631	61.841	61.983	61.870	61.822	62.120	61.376	61.345	61.879	61.898	18
19	61.779	61.921	61.614	61.815	61.964	61.878	61.797	62.090	61.386	61.346	61.964	61.909	19
20	61.773	61.920	61.694	61.818	61.932	61.892	61.782	62.042	61.502	61.372	61.995	61.895	20
21	61.761	61.938	61.734	61.881	61.883	61.927	61.771	62.004	61.582	61.396	62.017	61.850	21
22	61.753	61.973	61.764	61.886	61.831	61.958	61.787	62.013	61.614	61.373	62.067	61.848	22
23	61.752	62.004	61.775	61.869	61.774	62.015	61.796	61.990	61.630	61.368	62.077	61.900	23
24	61.751	62.005	61.779	61.869	61.768	62.000	61.803	61.971	61.807	61.368	62.055	61.896	24
25	61.747	61.999	61.790	61.886	61.765	61.969	61.802	61.939	62.221	61.364	62.008	61.922	25
26	61.741	61.986	61.801	61.909	61.755	61.956	61.793	61.907	62.289	61.384	61.962	61.923	26
27	61.738	61.985	61.834	61.916	61.744	61.949	61.793	61.856	62.222	61.479	61.930	61.905	27
28	61.736	61.978	61.860	61.915	61.737	61.928	61.791	61.822	62.127	61.602	61.939	61.889	28
29	61.738		61.878	61.912	61.716	61.900	61.785	61.822	62.046	61.722	61.930	61.892	29
30	61.740		61.885	61.960	61.729	61.903	61.778	61.808	61.975	61.842	61.926	61.900	30
31	61.741		61.946		61.761		61.764	61.784		61.847		61.891	31
MEAN	61.777	61.944	61.784	61.945	61.871	61.901	61.829	61.875	61.696	61.574	61.914	61.935	MEAN
MAX	61.820	62.050	61.969	62.169	61.986	62.015	61.899	62.120	62.289	61.930	62.077	62.053	MAX
MIN	61.736	61.742	61.614	61.815	61.716	61.808	61.764	61.656	61.376	61.345	61.782	61.848	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 61.836
MAXIMUM DAILY, 62.289 ON SEP 26
MINIMUM DAILY, 61.345 ON OCT 18
MAXIMUM INSTANTANEOUS,
62.299 AT 07:10 EST ON SEP 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 16 30 N
LONG 67 29 46 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

GRAND LAKE AT NEWCASTLE CREEK - STATION NO. 01AO003

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.223	1.023	2.723	1.757	2.514E	2.069	1.976	1.183	1.892	2.084	3.177	2.022	1
2	1.200	0.995	2.708	1.948	2.555E	2.122	1.902	1.164	1.813	2.013	3.125	1.979	2
3	1.192	1.069	2.673	2.277	2.538E	2.168	1.875	1.144	1.736	2.050A	3.020	1.988	3
4	1.178	1.175	2.632	2.620	2.542E	2.175	1.864	1.127	1.656	2.048E	2.899	2.090	4
5	1.159	1.298	2.581	2.965	2.566E	2.170	1.831	1.108	1.574	1.993E	2.756	2.139	5
6	1.141	1.413	2.541	3.327	2.602E	2.166	1.778	1.100	1.469	1.904E	2.630	2.141	6
7	1.154	1.523	2.493	3.744	2.730E	2.143	1.764	1.183	1.370	1.854E	2.533	2.246	7
8	1.206	1.610	2.450	3.978	2.774E	2.113	1.734	1.334	1.283	1.903E	2.464	2.346	8
9	1.232	1.689	2.416	4.132	2.704E	2.065	1.671	1.516	1.219	1.984E	2.398	2.435	9
10	1.259	1.709	2.381	4.224	2.554E	2.042	1.591	1.697	1.178	1.977E	2.343	2.494	10
11	1.320	1.712	2.337	4.271	2.444E	2.019	1.496	1.818	1.144	1.970E	2.306	2.518	11
12	1.303	1.849	2.277	4.330	2.367E	1.985	1.396	1.888	1.133	1.964E	2.285	2.543	12
13	1.259	2.111	2.220	4.286	2.290E	1.922	1.322	1.925	1.133	1.988E	2.262	2.534	13
14	1.256	2.318	2.175	4.193	2.331E	1.859	1.257	1.943	1.108	2.003E	2.237	2.473	14
15	1.241	2.398	2.083	4.108	2.374A	1.799	1.233	1.940	1.118	2.004E	2.169	2.411A	15
16	1.221	2.404	1.965	3.922	2.389	1.768	1.262	2.013	1.142	1.999E	2.078	2.351	16
17	1.200	2.395	1.900	3.767	2.417	1.741	1.272	2.133	1.174	1.978E	2.025	2.399A	17
18	1.200	2.371	1.839	3.636	2.467	1.689	1.289	2.272	1.193	1.930E	2.014	2.275E	18
19	1.190	2.336	1.783	3.512	2.517	1.657	1.294	2.406	1.201	1.920E	2.076	2.210E	19
20	1.202	2.301	1.735	3.390	2.511	1.625	1.283	2.498	1.261	1.919E	2.144	2.149A	20
21	1.233	2.277	1.707	3.265	2.484	1.574	1.329	2.578	1.283	1.905E	2.226	2.029A	21
22	1.245	2.332	1.702	3.164	2.449	1.598	1.383	2.588	1.317	1.885E	2.393	1.926E	22
23	1.266	2.438	1.686	3.041A	2.369	1.692	1.384	2.567	1.301	1.845E	2.429	1.842E	23
24	1.273	2.530	1.661	2.935E	2.287	1.725	1.367	2.464	1.324	1.915E	2.410	1.761E	24
25	1.251	2.640	1.647	2.824E	2.217	1.756	1.340	2.372	1.463	2.114E	2.365	1.678E	25
26	1.218	2.736	1.619	2.677E	2.139	1.870	1.285	2.285	1.657	2.312A	2.305	1.606	26
27	1.177	2.773	1.587	2.519E	2.058	1.974	1.228	2.210	1.826	2.401	2.237	1.538	27
28	1.155	2.757	1.562	2.448E	2.006	2.002	1.185	2.145	1.989	2.604	2.201	1.458	28
29	1.122		1.548	2.421E	1.989	1.997	1.179	2.092	2.122	2.853	2.170	1.432	29
30	1.088		1.531	2.463E	1.993	1.994	1.171	2.025	2.131	3.082	2.096	1.423	30
31	1.055		1.611		2.015		1.182	1.955		3.173		1.422	31
MEAN	1.207	2.007	2.057	3.271	2.393	1.916	1.456	1.893	1.440	2.115	2.392	2.060	MEAN
MAX	1.320	2.773	2.723	4.330	2.774	2.175	1.976	2.588	2.131	3.173	3.177	2.543	MAX
MIN	1.055	0.995	1.531	1.757	1.989	1.574	1.171	1.100	1.108	1.845	2.014	1.422	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 2.015
MAXIMUM DAILY, 4.330 ON APR 12
MINIMUM DAILY, 0.995 ON FEB 2
MAXIMUM INSTANTANEOUS,
4.335 AT 11:33 AST ON APR 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 03 37 N
LONG 66 00 13 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

GRAND RIVER AT VIOLETTE BRIDGE - STATION NO. 01AF007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.10 B	1.01B	11.0 B	8.10B	23.7	12.4	6.23E	1.54A	2.69	2.25	14.1	5.07B	1
2	2.00 B	1.35B	9.65B	11.0 B	20.3	8.64	5.70E	1.40E	2.44	2.10	13.2 A	4.90B	2
3	1.95 B	2.00B	8.60B	14.8 B	19.3	6.68	5.34E	1.37E	2.27	4.94	12.2 E	7.23	3
4	1.90 B	2.73B	7.70B	20.0 B	17.7	6.17	5.18E	1.24E	2.17	9.10	11.4 E	9.90	4
5	1.81 B	3.80B	7.10B	28.0 B	17.2	5.86	5.26E	1.07E	2.00	6.40	10.5 E	11.2	5
6	1.74 B	3.58B	6.45B	38.0 B	18.4	5.00	5.62A	2.33E	1.84	4.47	9.66E	9.22	6
7	1.66 B	3.40B	5.85B	33.0 B	18.5	5.13	5.53	11.8 E	1.73	4.04	8.77E	15.2	7
8	1.58 B	3.23B	5.30B	29.6	13.2	4.62	4.91	18.0 E	1.54	7.86	7.94E	18.8	8
9	1.49 B	3.11B	4.80B	26.7	11.1	4.68	4.38	13.3 A	1.94	7.29	7.87E	14.2	9
10	1.39 B	3.00B	4.37B	44.7	9.89	9.89	3.53	8.24	2.25	5.05	9.52A	11.3	10
11	1.30 B	2.92B	3.90B	47.4	9.16	11.4	3.19	6.12	2.33	3.85	8.17	10.1	11
12	1.22 B	3.90B	3.65B	35.5	8.99	6.91	2.87	12.6	2.14	3.31	7.45	8.80	12
13	1.18 B	5.46B	3.34B	26.3	16.3	5.30	2.68	9.51	2.06	2.90	7.01	8.10B	13
14	1.12 B	8.50B	3.02B	22.2	24.5	4.72	2.61	5.76	2.13	2.59	6.29	7.40B	14
15	1.08 B	7.90B	2.75B	22.2	16.1	3.97	2.70	4.38	1.94	2.46	5.80	6.90B	15
16	1.06 B	7.30B	2.50B	18.2	13.0	3.98	2.64	8.98	1.85	2.31	5.57	6.40B	16
17	1.05 B	6.90B	2.28B	16.2	16.3	8.79	2.31	18.6	1.67	2.31	5.43	6.00B	17
18	1.03 B	6.42B	2.03B	15.7	18.8	10.2	2.16	35.9	1.49	2.39	6.39	5.70B	18
19	1.02 B	6.75B	1.93B	17.7	13.7	6.02	2.07	23.2	1.19	6.58	8.69	5.40B	19
20	1.01 B	7.20B	1.83B	16.6	11.1	4.60	1.91	12.6	4.54	11.4	7.13	5.05B	20
21	1.00 B	8.00B	1.72B	13.9	9.49	4.41	1.82	9.68	5.86	6.66	9.33	4.80B	21
22	1.00 B	9.50B	1.69B	11.6	8.34	4.43	1.91	7.62	3.71	4.93	18.1	4.60B	22
23	0.998B	15.0 B	1.68B	12.2	7.95	12.9	1.86	7.45	2.39	5.58	14.1	4.40B	23
24	0.990B	22.2 B	1.80B	14.1	7.36	11.6	1.62	9.33	2.39	32.4	10.1	4.20B	24
25	0.980B	20.0 B	2.00B	14.9	5.70	8.64	1.51	7.09	2.19	35.8	8.13	4.00B	25
26	1.00 B	17.8 B	2.39B	15.3	8.05	22.2	1.42	5.66	1.58	19.7	7.17	3.80B	26
27	1.04 B	15.7 B	2.60B	17.2	8.11	25.1	2.75	4.64	1.33	20.0	6.47	3.63B	27
28	1.06 B	14.0 B	2.99B	17.2	7.54	13.5	3.49	3.95	2.01	36.2	6.00B	3.50B	28
29	1.03 B		3.59B	18.1	12.2	9.47A	2.34	3.30	3.09	38.4	5.64B	3.40B	29
30	1.02 B		4.30B	29.3	11.3	7.52E	1.79	3.13	2.59	21.1	5.30B	3.26B	30
31	1.01 B		6.00B		13.8		1.61	2.93		16.3		3.13B	31
TOTAL	39.818	212.66	128.81	655.70	417.08	254.73	98.94	262.72	69.35	326.67	263.43	219.59	TOTAL
MEAN	1.28	7.60	4.16	21.9	13.5	8.49	3.19	8.47	2.31	10.5	8.78	7.08	MEAN
MAX	2.10	22.2	11.0	47.4	24.5	25.1	6.23	35.9	5.86	36.2	18.1	18.8	MAX
MIN	0.980	1.01	1.68	8.10	5.70	3.97	1.42	1.07	1.19	2.10	5.30	3.13	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.08
MAXIMUM DAILY, 47.4 ON APR 11
MINIMUM DAILY, 0.980B ON JAN 25
MAXIMUM INSTANTANEOUS,
51.6 AT 03:45 AST ON APR 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 14 46 N
LONG 67 55 16 W
DRAINAGE AREA, 339 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 440	JUL	8 550
FEB	18 400	AUG	22 700
MAR	11 100	SEP	5 990
APR	56 700	OCT	28 200
MAY	36 000	NOV	22 800
JUN	22 000	DEC	19 000

TOTAL DISCHARGE, 255 000 dam³

GREEN RIVER NEAR RIVIERE-VERTE - STATION NO. 01AP003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.36B	4.18B	65.0B	12.6B	116	62.5	31.9	7.72	16.3	7.34	61.4	10.5	1
2	6.11B	5.28B	57.0B	13.7B	116	59.0	30.7	7.57	13.1	6.64	55.4	11.9	2
3	5.28B	7.14B	51.8B	16.5B	112	55.0	28.1	7.55	14.7	10.5	48.9	13.8	3
4	6.11B	8.20B	47.0B	20.0B	110	51.1	25.0	9.01	13.2	8.41	42.7	13.5	4
5	5.59B	7.73B	42.5B	29.8	112	45.4	27.7	10.1	12.1	9.31	37.3	12.4	5
6	4.61B	8.10B	39.0B	66.1	120	41.9	28.5	12.1	11.4	8.58	33.8	13.1	6
7	5.28B	7.82B	35.5B	82.1	125	40.7	26.1	32.1	11.3	8.16	32.6	15.1	7
8	5.36B	7.69B	32.7B	78.4	114	34.7	23.6	45.0	11.1	12.0	29.4	16.6	8
9	5.28B	7.76B	30.7B	79.4	101	32.6	22.8	40.2	11.1	12.4	26.7	16.6	9
10	4.65B	7.96B	28.0B	105	90.5	36.5	19.9	43.6	11.3	12.8	22.8	16.3	10
11	4.79B	7.96B	25.8B	132	85.1	32.7	16.3	39.9	11.8	12.5	22.0	17.3	11
12	5.28B	11.9 B	23.7B	131	91.7	28.2	17.3	41.6	9.54	12.5	21.6	15.7	12
13	4.56B	11.7 B	22.0B	116	116	26.9	16.6	41.8	9.89	14.1	17.6	17.2	13
14	3.81B	13.3 B	20.8B	108	158	24.9	18.3	37.7	10.5	12.3	20.6	13.9	14
15	4.70B	16.8 B	19.5B	104	153	23.4	18.5	34.4	8.88	12.1	16.3	16.5	15
16	4.42B	12.9 B	18.2B	87.1	135	23.3	17.0	43.4	9.18	12.1	16.4	18.3	16
17	4.36B	15.8 B	17.2B	81.1	133	25.6	14.7	45.6	8.73	12.5	16.5	16.4	17
18	4.16B	13.9 B	16.3B	75.9	129	25.6	12.7	49.0	8.49	12.1	15.6	14.5	18
19	4.20B	18.0 B	15.4B	72.9	120	23.2	13.1	42.6	7.71	13.3	15.8	13.0	19
20	4.42B	23.5 B	14.9B	67.4	109	22.2	13.7	40.1	8.05	15.8	15.5	18.4	20
21	3.99B	32.3 B	14.1B	64.6	95.5	17.6	12.4	33.6	9.45	13.4	16.4	13.6	21
22	3.89B	42.0 B	13.3B	59.8	84.5	19.4	16.6	32.3	8.36	13.7	16.9	11.4	22
23	4.09B	56.0 B	12.7B	57.6	73.2	23.8	14.6	28.7	7.84	13.6	15.3	17.2	23
24	4.27B	76.0 B	12.1B	62.3	65.7	24.1	12.1	27.7	7.85	24.4	14.0	16.2	24
25	4.23B	85.0 B	11.7B	62.8	57.2	22.7	11.5	24.7	7.27	33.2	13.5	15.3	25
26	3.95B	87.0 B	11.2B	63.7	54.3	32.9	10.9	22.9	5.60	40.5	13.1	13.4	26
27	4.42B	82.0 B	10.8B	71.9	47.1	37.9	11.1	22.3	7.57	42.6	14.1	15.5B	27
28	4.65B	76.0 B	10.7B	77.4	50.6	39.0	10.9	19.1	7.47	47.9	11.6	17.3B	28
29	4.25B		10.7B	88.4	52.0	39.9	10.2	17.6	7.80	57.1	13.0	14.2B	29
30	3.77B		10.8B	113	58.8	37.1	9.77	18.6	7.79	74.5	11.8	16.1B	30
31	4.51B		11.5B		62.5		9.67	16.4		67.3		18.0B	31
TOTAL	145.35	753.92	752.6	2 200.5	3 047.7	1 009.8	552.24	894.95	295.37	693.64	708.6	469.2	TOTAL
MEAN	4.69	26.9	24.3	73.4	98.3	33.7	17.8	28.9	9.85	22.4	23.6	15.1	MEAN
MAX	6.36	87.0	65.0	132	158	62.5	31.9	49.0	16.3	77.1	61.4	18.4	MAX
MIN	3.77	4.18	10.7	12.6	47.1	17.6	9.67	7.55	5.60	6.64	11.6	10.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 31.6
MAXIMUM DAILY, 158 ON MAY 14
MINIMUM DAILY, 3.77B ON JAN 30
MAXIMUM INSTANTANEOUS,
165 AT 12:24 AST ON MAY 14

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 20 06 N
LONG 68 08 06 W
DRAINAGE AREA, 1 150 km²

B - ICE CONDITIONS

REGULATED SINCE 1962

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	12 600	JUL	47 700
FEB	65 100	AUG	77 300
MAR	65 000	SEP	25 500
APR	190 000	OCT	59 900
MAY	263 000	NOV	61 200
JUN	87 200	DEC	40 500

TOTAL DISCHARGE, 995 000 dam³

HAYDEN BROOK NEAR NARROWS MOUNTAIN - STATION NO. 01AL003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.097	0.042B	0.364	0.190	0.460	0.150	0.102	0.039	0.031	0.088	0.562	0.123B	1
2	0.096	0.098B	0.319	0.872	0.417	0.116	0.098	0.037	0.032	0.115	0.538	0.300B	2
3	0.083	0.260B	0.280B	0.997	0.374	0.103	0.092	0.037	0.030	0.499	0.498	0.485B	3
4	0.082	0.230B	0.270B	0.506	0.328	0.095	0.088	0.036	0.028	0.274	0.441	0.600	4
5	0.075B	0.145	0.240B	1.09	0.299	0.088	0.085	0.036	0.027	0.200	0.404	0.409	5
6	0.072B	0.099	0.210B	2.11	0.289	0.080	0.103	0.209	0.026	0.168	0.398	0.578	6
7	0.077B	0.090	0.190B	0.967	0.312	0.127	0.135	0.152	0.025	0.287	0.434	0.675	7
8	0.074B	0.084	0.170B	0.825	0.255	0.102	0.097	0.078	0.024	0.410	0.395	0.486	8
9	0.071B	0.082	0.160B	1.49	0.224	0.102	0.080	0.063	0.041	0.279	0.266	0.392	9
10	0.067B	0.078	0.150B	2.26	0.202	0.145	0.072	0.052	0.039	0.219	0.235	0.337	10
11	0.064B	0.097	0.144	1.22	0.187	0.096	0.066	0.049	0.035	0.195	0.214	0.300	11
12	0.061B	1.15	0.139	0.896	0.195	0.095	0.065	0.043	0.033	0.184	0.195	0.263	12
13	0.059B	0.737	0.133	0.656	0.635	0.115	0.064	0.039	0.032	0.174	0.199	0.231B	13
14	0.057B	0.268	0.127	0.623	0.351	0.108	0.065	0.035	0.038	0.160	0.160	0.207B	14
15	0.055B	0.187	0.123	0.699	0.254	0.087	0.068	0.034	0.044	0.152	0.146	0.190B	15
16	0.053B	0.165	0.114	0.537	0.264	0.088	0.060	0.213	0.035	0.145	0.127	0.201	16
17	0.051B	0.163	0.104	0.442	0.505	0.093	0.052	0.133	0.032	0.141	0.212	0.192	17
18	0.050B	0.157	0.118	0.507	0.383	0.074	0.058	0.087	0.030	0.135	0.311	0.178B	18
19	0.049B	0.167	0.110	0.566	0.293	0.065	0.079	0.060	0.152	0.437	0.254	0.163B	19
20	0.048B	0.237	0.103	0.482	0.269	0.058	0.062	0.046	0.333	0.282	0.196	0.150B	20
21	0.047B	0.343	0.096	0.408	0.231	0.261	0.099	0.039	0.097	0.200	0.473	0.140B	21
22	0.046B	0.416	0.096	0.363	0.215	0.188	0.083	0.037	0.108	0.176	0.328	0.130B	22
23	0.045B	0.489	0.095	0.379	0.207	0.435	0.057	0.046	0.331	0.220	0.232	0.120B	23
24	0.044B	0.499	0.096	0.402	0.182	0.164	0.048	0.054	0.242	0.796	0.211	0.110B	24
25	0.044B	0.477	0.098	0.368	0.161	0.148	0.042	0.041	0.396	0.443	0.184	0.103B	25
26	0.043B	0.368	0.094	0.378	0.180	0.259	0.043	0.035	0.160	0.373	0.170	0.095B	26
27	0.043B	0.402	0.096	0.400	0.158	0.172	0.076	0.033	0.118	0.456	0.169	0.091B	27
28	0.042B	0.408	0.097	0.387	0.149	0.129	0.060	0.034	0.135	1.10	0.156	0.087B	28
29	0.042B		0.102	0.606	0.146	0.114	0.050	0.033	0.114	0.866	0.147B	0.084B	29
30	0.042B		0.138	0.674	0.145	0.106	0.051	0.031	0.098	0.657	0.132B	0.080B	30
31	0.042B		0.235		0.168		0.043	0.030		0.603		0.078B	31
TOTAL	1.827	7.938	4.811	22.300	8.438	3.963	2.243	1.891	2.866	10.434	8.387	7.578	TOTAL
MEAN	0.059	0.284	0.155	0.743	0.272	0.132	0.072	0.061	0.096	0.337	0.280	0.244	MEAN
MAX	0.097	1.15	0.364	2.26	0.635	0.435	0.135	0.213	0.396	1.10	0.562	0.675	MAX
MIN	0.042	0.042	0.094	0.190	0.145	0.058	0.042	0.030	0.024	0.088	0.127	0.078	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.227
MAXIMUM DAILY, 2.26 ON APR 10
MINIMUM DAILY, 0.024 ON SEP 8
MAXIMUM INSTANTANEOUS,
3.49 AT 02:14 AST ON APR 10

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 17 56 N
LONG 67 02 13 W
DRAINAGE AREA, 6.48 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	158	JUL	194
FEB	686	AUG	163
MAR	416	SEP	248
APR	1 930	OCT	901
MAY	729	NOV	725
JUN	342	DEC	655

TOTAL DISCHARGE, 7 150 dam³

JACQUET RIVER NEAR DURHAM CENTRE - STATION NO. 01BJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.72B	1.60B	10.0 B	15.0B	68.9	17.2	9.48	3.67	4.30	7.98	23.7	8.00B	1
2	2.60B	1.60B	9.60B	23.0B	71.2	14.7	8.32	3.23	4.15	6.96	21.2	9.20B	2
3	2.50B	1.70B	9.21B	26.0B	74.1	12.9	7.72	3.08	3.87	18.8	18.6	16.4	3
4	2.40B	1.81B	8.90B	42.0B	69.1	11.2	6.87	3.55	3.68	22.1	16.0	20.6	4
5	2.32B	3.40B	8.60B	77.7	73.5	10.2	6.52	3.85	3.55	18.0	14.0	21.3	5
6	2.26B	3.20B	8.30B	84.3	87.5	9.00	17.1	3.76	3.42	15.3	13.0	60.3	6
7	2.20B	3.05B	8.00B	67.8	127	8.77	12.5	10.5	3.26	18.1	13.1	133	7
8	2.15B	2.94B	7.80B	49.9	78.5	8.13	9.02	14.9	3.15	141	22.7	92.4	8
9	2.10B	2.82B	7.60B	44.9	69.8	7.56	7.65	11.9	3.04	128	22.2	64.1	9
10	2.06B	2.70B	7.40B	64.0	72.7	20.3	6.85	9.27	3.07	76.1	19.7	50.8	10
11	2.03B	2.65B	7.20B	70.6	63.6	26.8	6.33	8.01	3.05	48.6	16.9	46.3	11
12	2.00B	3.30B	7.00B	54.6	52.4	21.7	5.95	7.40	3.02	36.7	15.6	37.1	12
13	1.96B	4.20B	6.80B	42.1	66.2	18.1	5.75	7.02	2.95	30.0	14.0	30.7	13
14	1.93B	6.00B	6.70B	36.8	85.6	15.4	5.54	5.99	2.84	25.3	12.7	25.0 B	14
15	1.90B	5.60B	6.60B	36.8	57.7	13.4	15.1	5.50	2.71	22.1	11.9	20.5 B	15
16	1.87B	5.40B	6.50B	31.6	46.1	12.1	15.2	7.96	2.66	18.6	11.1	17.8 B	16
17	1.84B	5.10B	6.40B	27.9	62.9	12.5	10.2	15.1	2.51	16.0	10.3	15.6 B	17
18	1.82B	4.80B	6.30B	27.7	55.8	12.6	8.07	31.4	2.34	14.3	10.3	14.0 B	18
19	1.80B	4.60B	11.6 B	25.4	40.9	10.1	7.33	23.2	2.47	13.4	11.0	12.4 B	19
20	1.77B	4.40B	11.0 B	23.4	33.3	8.67	6.98	17.1	10.2 A	12.6	9.82	11.2 B	20
21	1.74B	5.30B	10.2 B	21.7	27.8	7.75	6.45	13.4	9.20E	11.1	16.9	10.0 B	21
22	1.72B	6.40B	9.50B	19.5	23.9	7.23	6.06	10.8	8.30E	10.3	29.8	9.10B	22
23	1.70B	7.60B	9.20B	18.6	21.3	10.3	5.44	9.17	7.50E	12.2	26.5	8.40B	23
24	1.68B	10.0 B	8.80B	20.2	18.6	9.84	4.99	7.98	7.20E	28.9	21.8	7.80B	24
25	1.67B	14.0 B	8.40B	22.6	16.2	7.79	4.59	7.25	6.80E	33.4	18.4	7.30B	25
26	1.66B	13.0 B	8.10B	25.5	14.6	18.0	4.35	6.47	6.00E	27.1	16.0	6.80B	26
27	1.65B	12.2 B	7.80B	36.5	15.8	24.0	4.80	5.92	5.10E	25.0	14.0	6.40B	27
28	1.64B	11.5 B	7.60B	46.3	21.2	17.6	5.32	5.58	4.40E	37.3	11.5 B	6.00B	28
29	1.63B		7.40B	54.2	24.1	13.9	4.66	5.21	6.80E	40.5	10.0 B	5.70B	29
30	1.62B		7.20B	77.3	22.2	11.4	4.15	4.81	8.32A	31.9	8.60B	5.40B	30
31	1.61B		10.0 B		19.8		3.94	4.51		26.8		5.20B	31
TOTAL	60.55	150.87	255.71	1 213.9	1 582.3	399.14	233.23	277.49	139.86	974.44	481.32	784.80	TOTAL
MEAN	1.95	5.39	8.25	40.5	51.0	13.3	7.52	8.95	4.66	31.4	16.0	25.3	MEAN
MAX	2.72	14.0	11.6	84.3	127	26.8	17.1	31.4	10.2	141	29.8	133	MAX
MIN	1.61	1.60	6.30	15.0	14.6	7.23	3.94	3.08	2.34	6.96	8.60	5.20	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.0
MAXIMUM DAILY, 141 ON OCT 8
MINIMUM DAILY, 1.60B ON FEB 1
MAXIMUM INSTANTANEOUS,
201 AT 15:57 AST ON OCT 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 53 52 N
LONG 66 01 47 W
DRAINAGE AREA, 510 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 230	JUL	20 200
FEB	13 000	AUG	24 000
MAR	22 100	SEP	12 100
APR	105 000	OCT	84 200
MAY	137 000	NOV	41 600
JUN	34 500	DEC	67 800

TOTAL DISCHARGE, 567 000 dam³

JEMSEG RIVER AT JEMSEG - STATION NO. 01AO004

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.245	0.993A	2.704	1.784	2.448	2.079	1.954	1.201	1.830	2.108	3.134	1.911	1
2	1.193	0.980	2.686	1.997	2.489	2.113	1.892	1.183	1.825A	2.045	3.062	1.871	2
3	1.196A	1.096	2.645	2.354	2.516	2.183	1.850	1.170	1.747E	2.026	2.967	1.964	3
4	1.181E	1.217A	2.591	2.711	2.520	2.163	1.836	1.166	1.667E	2.024	2.818	2.073	4
5	1.162E	1.343A	2.557	3.003	2.544	2.155	1.801	1.162	1.585E	1.969	2.654	2.144	5
6	1.143E	1.449A	2.525	3.365	2.580	2.131	1.764	1.186	1.481E	1.880	2.554	2.195	6
7	1.156A	1.566	2.473	3.805	2.708	2.124	1.767	1.298	1.382E	1.830	2.461	2.265	7
8	1.238	1.673	2.423	4.005	2.752	2.081	1.709	1.488	1.294E	1.879	2.420	2.366	8
9	1.234E	1.728	2.397	4.123	2.682	2.027	1.633	1.681	1.231E	1.960	2.381	2.457	9
10	1.261E	1.746	2.362	4.203	2.532	2.031	1.550	1.824	1.190E	1.953	2.339	2.512	10
11	1.321E	1.768	2.310	4.272	2.422	1.998	1.453	1.894	1.156E	1.946	2.304	2.547	11
12	1.305E	1.911	2.251	4.348	2.336	1.952	1.353	1.944	1.144E	1.940	2.287	2.552	12
13	1.260E	2.169	2.200	4.241	2.268	1.889	1.290	1.975	1.145E	1.964	2.256	2.501	13
14	1.257E	2.342	2.133	4.122	2.309	1.814	1.299	1.981	1.120E	1.979	2.222	2.438	14
15	1.243E	2.380	2.031	4.019	2.352	1.764	1.297	1.966	1.129E	1.980	2.158	2.380	15
16	1.222E	2.362	1.933	3.821	2.367	1.737	1.295	2.046	1.154E	1.975	2.103	2.383	16
17	1.201E	2.369	1.860	3.678	2.411	1.713	1.299	2.204	1.186E	1.954	2.050	2.369	17
18	1.201E	2.344	1.809	3.558	2.460	1.662	1.306	2.350	1.205E	1.906	2.051	2.350	18
19	1.191E	2.312	1.757	3.445	2.498	1.603	1.302	2.456	1.213E	1.896	2.126	2.266	19
20	1.202E	2.284	1.733	3.297	2.494	1.580	1.302	2.552	1.273E	1.895	2.172	2.146	20
21	1.234E	2.278	1.720	3.195	2.453	1.570	1.354	2.598	1.295E	1.881	2.255	2.036	21
22	1.266A	2.343	1.705	3.098	2.431	1.596	1.414	2.599	1.304E	1.862	2.384	1.948	22
23	1.279	2.448	1.676	2.975	2.404	1.676	1.402	2.531	1.313E	1.821	2.429	1.899	23
24	1.264	2.557	1.661	2.869	2.279	1.722	1.363	2.446	1.336E	1.891	2.410	1.837	24
25	1.225	2.669	1.642	2.758	2.151	1.758	1.319	2.327	1.475E	2.090	2.370	1.771	25
26	1.186	2.753	1.609	2.611	2.086	1.882	1.252	2.222	1.669E	2.288	2.292	1.694	26
27	1.160	2.777	1.580	2.453	2.022	1.967	1.246	2.167	1.838E	2.463	2.229	1.629	27
28	1.135	2.720	1.550	2.382	1.977	1.995	1.231	2.107	2.001A	2.673	2.184	1.581	28
29	1.101		1.532	2.355	1.964	1.996	1.217	2.048	2.166	2.914	2.093	1.576	29
30	1.065A		1.527	2.397	1.973	1.973	1.229	1.969	2.178	3.102	1.996	1.570	30
31	1.029A		1.645		2.013		1.222	1.904		3.162		1.566	31
MEAN	1.205	2.021	2.040	3.241	2.369	1.896	1.458	1.924	1.451	2.105	2.372	2.089	MEAN
MAX	1.321	2.777	2.704	4.348	2.752	2.163	1.954	2.599	2.178	3.162	3.134	2.552	MAX
MIN	1.029	0.980	1.527	1.784	1.964	1.570	1.217	1.162	1.120	1.821	1.996	1.566	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 2.012
MAXIMUM DAILY, 4.348 ON APR 12
MINIMUM DAILY, 0.980 ON FEB 2
MAXIMUM INSTANTANEOUS,
4.360 AT 08:36 AST ON APR 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 49 46 N
LONG 66 06 58 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

NEW BRUNSWICK

KENNEBECASIS RIVER AT APOHAQUI - STATION NO. 01AP004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.5 B	12.8B	48.1A	78.6	33.4	29.7	23.9	4.51	7.49A	7.12	66.5	25.7	1
2	13.8 B	15.2B	44.7A	85.0	28.3	21.4	21.7	3.86	7.44	6.85	60.6	44.5	2
3	12.5 B	110 B	38.7A	156	25.5	17.7	19.9	3.59	7.00	21.0	52.0	128	3
4	11.4 B	98.0B	36.8A	135	24.3	15.5	18.1	3.20	6.74	19.1	44.1	106	4
5	10.5 B	86.0B	31.6A	137	23.5	15.4	17.2	2.92	6.37	12.5	37.8	72.3	5
6	9.70B	79.0B	29.5A	176	24.0	14.0	18.0	3.18	6.06	9.93	39.7	90.5	6
7	11.0 B	76.0B	30.4A	183	39.5	32.9	28.5	5.83	5.75	16.1	66.7	95.0	7
8	39.0 B	125 B	26.3A	129	31.0	23.9	18.4	5.73	5.64	26.7	53.3	86.6	8
9	37.0 B	140 B	25.4A	103	24.8	23.7	15.7	4.97	5.50	20.4	43.4	70.8	9
10	33.0 B	132 B	24.4A	128	22.8	59.9	12.4	4.57	5.79	22.3	37.2	63.5	10
11	29.5 B	260 B	23.6A	118	21.7	46.8	10.3	4.09	5.54	19.1	33.2	65.0	11
12	27.5 B	520 B	21.9A	93.3	20.9	32.9	9.73	4.02	5.36	16.2	31.1	57.6	12
13	26.0 B	300 A	20.6A	75.2	25.2	29.5	9.51	4.57	5.27	14.3	27.4	48.6	13
14	24.2 B	173 A	20.5A	63.4	22.8	25.3	9.54	5.47	5.06	13.0	25.9	41.0	14
15	23.0 B	114 A	20.9A	64.6	20.3	22.4	14.4	8.69	5.01	12.1	24.7	37.7	15
16	22.0 B	91.0A	19.2A	55.7	20.4	22.2	14.0	76.3	5.27	11.3	24.0	92.3	16
17	21.0 B	81.8A	19.3A	50.3	32.1	23.1	10.3	124	5.27	10.8	51.4	128	17
18	19.5 B	70.6	51.4A	49.1	26.5	20.1	8.74	74.9	4.94	10.2	77.2	83.5	18
19	18.2 B	65.9	43.7A	55.1	23.2	17.4	7.74	49.5	4.87	18.0 A	77.7	65.4	19
20	17.1 B	67.6	32.2A	48.2	20.9	15.3	7.35	34.6	6.40	29.5 E	62.5	50.5B	20
21	16.3 B	81.2	25.6A	43.7	19.2	32.8	7.71	28.3	6.48	20.0 E	112	46.0B	21
22	15.2 B	90.0A	22.6A	38.9	18.1	37.5	10.1	24.0	5.62	17.0 E	108	39.5B	22
23	14.8 B	80.0A	24.0A	35.0	18.7	46.3	7.71	20.7	6.68	16.5 E	76.5	36.0B	23
24	14.3 B	73.0A	25.6A	31.7	21.3	30.7	6.37	17.9	9.26	60.0 E	62.2	33.5B	24
25	14.0 B	70.0A	26.3A	31.7	19.7	27.3	5.98	14.6	24.1	175 E	53.2	30.8B	25
26	13.8 B	64.0A	23.8A	31.2	18.6	83.2	5.77	11.2	13.8	150 E	46.2	29.0B	26
27	14.0 B	60.0A	32.6A	28.0	22.9	67.8	5.55	10.8	9.20	123 E	41.0	27.0B	27
28	14.2 B	56.0A	34.3A	26.0	26.7	41.1	6.20	10.5	8.13	170 A	37.9	25.3B	28
29	14.2 B		33.6A	25.2	21.5	31.8	7.49	8.40	8.44	190	35.3	23.7B	29
30	13.8 B		47.8A	36.8	20.7	26.6	5.67	6.08	8.08	110	30.4	22.5B	30
31	13.1 B		80.5A		23.2		5.15	6.02		78.8		21.8B	31
TOTAL	579.10	3 192.1	985.9	2 311.7	741.7	931.8	369.11	587.00	216.56	1 426.80	1 539.1	1 787.6	TOTAL
MEAN	18.7	114	31.8	77.1	23.9	31.1	11.9	18.9	7.22	46.0	51.3	57.7	MEAN
MAX	39.0	520	80.5	183	39.5	83.2	28.5	124	24.1	190	112	128	MAX
MIN	9.70	12.8	19.2	25.2	18.1	14.0	5.15	2.92	4.87	6.85	24.0	21.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 40.2
MAXIMUM DAILY, 520B ON FEB 12
MINIMUM DAILY, 2.92 ON AUG 5
MAXIMUM INSTANTANEOUS,
639 ON FEB 12

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 42 07 N
LONG 65 36 05 W
DRAINAGE AREA, 1 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	50 000	JUL	31 900
FEB	276 000	AUG	50 700
MAR	85 200	SEP	18 700
APR	200 000	OCT	123 000
MAY	64 100	NOV	133 000
JUN	80 500	DEC	154 000

TOTAL DISCHARGE, 1 270 000 dam³

KOUCHIBOUGUAC RIVER NEAR VAUTOUR - STATION NO. 01BR001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.38 B	0.660B	4.80B	6.80	7.51	8.71	2.13	0.938	0.906	2.93	6.57	3.30B	1
2	1.29 B	0.660B	4.60B	10.3	6.47	5.51	1.97	0.892	0.852	2.52	5.93	4.52	2
3	1.21 B	2.00 B	4.30B	27.3	5.70	4.23	1.80	0.835	0.843	6.75	5.23	12.7	3
4	1.15 B	4.30 B	4.08B	30.4	5.25	3.54	1.65	0.861	0.802	6.11	4.67	17.3	4
5	1.10 B	3.80 B	3.85B	44.3	4.89	3.17	1.67	1.09	0.824	4.57	4.19	11.4	5
6	1.04 B	3.50 B	3.65B	54.0	4.82	2.83	1.68	1.19	0.805	3.70	4.15	16.8	6
7	1.03 B	3.30 B	3.84	39.5	16.5	2.71	1.75	2.06	0.801	5.13	6.47	20.3	7
8	1.39 B	3.05 B	3.94	26.1	12.7	2.64	1.62	2.00	0.759	11.2	6.05	15.8	8
9	1.70 B	2.85 B	3.59	27.6	8.55	2.54	1.54	1.66	0.771	10.1	5.44	11.5	9
10	1.64 B	2.70 B	3.44	40.4	6.59	4.99	1.50	1.36	0.789	10.2	4.59	10.3	10
11	1.52 B	2.51 B	3.34	29.6	5.79	6.27	1.37	1.19	0.790	7.23	4.19	10.7	11
12	1.46 B	3.00 B	2.98B	20.2	5.33	5.37	1.70	1.06	0.776	5.78	4.03	9.01	12
13	1.39 B	11.0 B	2.83B	15.4	5.95	4.18	1.62	0.977	0.792	4.80	3.53	7.09	13
14	1.32 B	10.0 B	2.75B	12.8	6.16	3.33	1.88	0.936	1.18	4.17	3.25	5.72	14
15	1.27 B	9.40 B	2.70B	13.9	5.20	2.94	3.95	0.854	1.37	3.77	3.09	5.12	15
16	1.20 B	8.60 B	2.70B	11.1	4.65	2.69	3.26	1.77	1.20	3.50	3.06	9.85	16
17	1.13 B	8.00 B	2.83B	9.42	7.65	2.67	2.39	4.34	1.11	3.19	3.96	13.7	17
18	1.10 B	7.40 B	3.60B	10.4	11.3	2.39	1.84	7.70	0.999	2.89	7.36	9.74	18
19	1.03 B	7.00 B	7.52	11.5	7.59	2.06	1.47	4.58	0.942	2.85	13.0	8.08	19
20	1.00 B	6.80 B	6.35	10.6	6.22	1.90	1.34	2.99	1.93	2.91	11.0	6.77	20
21	0.950B	7.00 B	5.25	9.04	5.35	3.41	1.47	2.23	1.89	2.67	21.2	5.75	21
22	0.910B	7.40 B	4.61	7.92	4.71	3.76	1.71	1.83	1.59	2.43	18.5	4.70B	22
23	0.880B	8.00 B	4.29	7.09	4.30	4.79	1.46	1.57	2.01	2.39	11.1	4.10B	23
24	0.850B	8.50 B	4.16	6.79	4.12	3.65	1.22	1.49	3.80	7.97	8.35	3.70B	24
25	0.820B	7.40 B	4.00	6.54	3.73	3.01	1.10	1.37	9.59	8.88	6.95	3.40B	25
26	0.800B	6.60 B	3.84	6.29	3.66	4.94	1.03	1.26	6.45	6.19	6.00	3.20B	26
27	0.770B	6.00 B	3.93	6.02	3.42	4.66	1.14	1.17	4.25	6.61	5.31	3.00B	27
28	0.750B	5.50 B	3.86	5.70	3.36	3.35	1.30	1.13	3.39	13.5	4.96	2.80B	28
29	0.730B		4.10	6.01	3.29	2.66	1.12	1.06	3.12	18.3	4.68	2.65B	29
30	0.700B		5.67	9.04	3.27	2.34	1.04	1.00	3.33	10.7	3.83B	2.50B	30
31	0.680B		6.41		5.84		1.01	0.957		7.83		2.40B	31
TOTAL	34.190	156.930	127.81	522.06	189.87	111.24	51.73	54.350	58.661	191.77	200.64	247.90	TOTAL
MEAN	1.10	5.60	4.12	17.4	6.12	3.71	1.67	1.75	1.96	6.19	6.69	8.00	MEAN
MAX	1.70	11.0	7.52	54.0	16.5	8.71	3.95	7.70	9.59	18.3	21.2	20.3	MAX
MIN	0.680	0.660	2.70	5.70	3.27	1.90	1.01	0.835	0.759	2.39	3.06	2.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.33
MAXIMUM DAILY, 54.0 ON APR 6
MINIMUM DAILY, 0.660B ON FEB 1
MAXIMUM INSTANTANEOUS,
56.7 AT 16:19 AST ON APR 6

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 44 36 N
LONG 65 12 17 W
DRAINAGE AREA, 177 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 950	JUL	4 470
FEB	13 600	AUG	4 700
MAR	11 000	SEP	5 070
APR	45 100	OCT	16 600
MAY	16 400	NOV	17 300
JUN	9 610	DEC	21 400

TOTAL DISCHARGE, 168 000 dam³

LE REAU RIVER AT LEPREAU - STATION NO. 01AQ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.80B	2.10B	10.4 B	16.2	12.0	12.1	7.29	4.10	2.79	5.40	12.1	7.80B	1
2	3.50B	5.20B	9.50B	21.5	9.30	9.19	6.18	3.38	2.38	4.77	10.5	17.0 B	2
3	3.30B	7.00B	8.50B	49.3	7.70	7.22	5.23	2.95	2.17	6.04	9.11	55.2	3
4	3.20B	15.7 B	7.60B	35.8	6.76	6.12	4.58	2.71	2.02	6.99	7.63	37.7	4
5	3.00B	14.8 B	6.60B	32.8	5.93	5.83	4.30	2.48	1.84	5.95	6.51	27.9	5
6	2.85B	13.8 B	5.90B	42.4	5.42	5.24	4.84	11.9	1.68	4.93	6.65	23.7	6
7	2.75B	13.0 B	5.40B	40.4	13.5	5.73	6.30	33.5	1.49	5.64	10.8	24.3	7
8	4.40B	12.2 B	4.70B	31.2	14.1	6.26	5.37	21.4	1.37	7.92	12.5	22.4	8
9	7.60B	14.0 B	4.30B	26.3	10.2	6.84	4.36	15.1	1.67	6.93	10.6 A	18.8	9
10	6.40B	13.2 B	3.90B	31.7	8.37	11.1	3.57	11.3	3.66	5.53	9.50E	16.2	10
11	5.80B	13.0 B	3.80B	30.3	7.17	8.09	3.20	9.45	3.66	4.72	9.00E	14.0	11
12	5.20B	20.0 B	3.50B	24.2	6.22	6.38	2.83	7.91	2.79	4.18	8.40E	11.9	12
13	5.00B	42.0 B	3.30B	19.5	13.0	5.70	2.62	6.86	2.31	3.83	8.00E	10.1	13
14	4.65B	34.0 B	3.20B	16.0	19.7	4.97	3.77	6.01	1.96	3.71	7.60E	8.92	14
15	4.50B	28.0 B	3.05B	18.0	14.3	4.61	4.48	5.02	1.76	3.40	7.40E	7.70B	15
16	4.05B	24.0 B	2.90B	16.9	11.9	4.39	3.75	78.6	1.63	3.09	9.20E	14.0 B	16
17	4.00B	20.0 B	2.80B	13.6	15.4	6.36	2.95	53.6	1.34	2.90	19.0 E	21.0 B	17
18	3.75B	17.0 B	3.10B	12.8	17.1	5.94	2.35	31.0	1.31	2.70	29.0 E	17.0 B	18
19	3.50B	15.5 B	5.40B	13.2	13.8	4.64	2.01	21.7	1.51	3.33	31.0 E	12.0 B	19
20	3.30B	15.2 B	4.60B	12.4	11.4	3.99	1.91	16.2	5.40	5.83	29.0 E	10.5 B	20
21	3.15B	18.0 B	3.90B	11.0	9.50	5.68	13.6	12.7	5.94	5.19	38.0 E	9.20B	21
22	3.00B	24.5 B	3.50B	9.85	7.98	7.60	27.8	10.3	3.99	4.27	24.0 E	8.00B	22
23	2.95B	22.0 B	3.39B	8.36	7.24	16.0	15.0	8.50	3.55	3.87	18.0 E	7.10B	23
24	2.80B	19.0 B	3.70B	7.80	6.81	12.9	9.31	7.16	8.82	24.1	14.5 E	6.60B	24
25	2.70B	16.0 B	4.40B	9.19	6.14	11.2	6.55	6.09	21.5	24.3	12.9 A	6.10B	25
26	2.65B	15.0 B	4.70B	8.82	5.29	34.0	5.09	5.11	14.5	16.7	10.7	5.50B	26
27	2.50B	14.0 B	4.31	7.67	4.82	26.2	6.34	4.44	10.2	20.5	8.98	5.20B	27
28	2.40B	12.8 B	4.42	6.69	4.37	16.3	9.41	4.00	8.44	27.5	7.94	4.80B	28
29	2.30B		4.61	7.01	4.13	11.9	6.67	3.53	7.64	24.2	7.06	4.60B	29
30	2.20B		7.68	13.7	9.05	9.05	5.77	3.14	6.37	18.2	6.00B	4.30B	30
31	2.15B		16.1		11.9		5.26	2.92		14.8		4.10B	31
TOTAL	113.35	481.00	163.16	594.59	300.50	281.53	192.69	413.06	135.69	281.42	401.58	443.62	TOTAL
MEAN	3.66	17.2	5.26	19.8	9.69	9.38	6.22	13.3	4.52	9.08	13.4	14.3	MEAN
MAX	7.60	42.0	16.1	49.3	19.7	34.0	27.8	78.6	21.5	27.5	38.0	55.2	MAX
MIN	2.15	2.10	2.80	6.69	4.13	3.99	1.91	2.48	1.31	2.70	6.00	4.10	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.4
MAXIMUM DAILY, 78.6 ON AUG 16
MINIMUM DAILY, 1.31 ON SEP 18
MAXIMUM INSTANTANEOUS,
109 AT 05:49 AST ON AUG 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 10 12 N
LONG 66 28 00 W
DRAINAGE AREA, 239 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 790	JUL	16 600
FEB	41 600	AUG	35 700
MAR	14 100	SEP	11 700
APR	51 400	OCT	24 300
MAY	26 000	NOV	34 700
JUN	24 300	DEC	38 300

TOTAL DISCHARGE, 328 000 dam³

LIMESTONE RIVER AT FOUR FALLS - STATION NO. 01AG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.08 B	0.415B	7.99	16.6	5.08	2.80	2.67	0.744	1.74	1.37	11.0	4.05	1
2	1.04 B	0.860B	6.40B	22.2	4.80	2.34	2.29	0.714	1.61	1.30	9.94	3.83	2
3	1.01 B	2.25 B	5.58B	22.4	4.44	2.16	2.09	0.702	1.57	2.71	8.60	4.35	3
4	0.980B	4.12 B	5.02	20.0	4.07	2.14	1.99	0.746	1.48	3.65	6.85	6.63	4
5	0.942B	3.55 B	4.38	23.5	4.35	2.46	1.92	0.750	1.36	3.24	5.89	6.05	5
6	0.910B	3.10 B	3.97	25.1	5.27	3.66	1.93	0.993	1.30	2.67	5.41	5.88	6
7	0.885B	2.72 B	3.70	20.0	4.84	4.01	2.06	2.44	1.24	2.70	5.42	8.55	7
8	0.861B	2.43 B	3.37	16.9	4.44	2.83	1.96	3.16	1.22	3.37	7.32	9.20	8
9	0.835B	2.20 B	3.02	16.0	4.79	2.62	1.86	2.62	1.30	3.31	6.93	8.85	9
10	0.800B	2.00 B	2.88	19.9	4.49	2.87	1.72	2.49	1.34	2.91	5.96	7.92	10
11	0.771B	1.86 B	2.65B	18.0	3.86	2.70	1.59	2.12	1.26	2.49	5.14	7.37	11
12	0.743B	7.45 B	2.48B	15.5	3.14	2.32	1.49	1.96	1.25	2.28	4.62	6.23	12
13	0.721B	6.82 B	2.34	12.9	4.12	2.09	1.46	2.10	1.21	2.04	4.07	5.88	13
14	0.700B	6.20 B	2.22B	10.8	4.93	1.96	1.38	1.92	1.21	1.94	3.82	4.86	14
15	0.680B	5.75 B	2.12B	9.42	4.41	1.88	1.34	1.51	1.34	1.92	3.70	4.29	15
16	0.660B	5.36 B	2.00B	7.73	3.98	1.92	1.30	2.71	1.15	1.91	3.59	4.26	16
17	0.638B	5.03 B	1.90B	6.71	4.45	1.98	1.21	11.0	1.14	1.89	3.72	4.07	17
18	0.615B	4.80 B	1.81B	6.29	4.46	1.93	1.19	15.5	1.14	1.82	5.08	3.70B	18
19	0.600B	6.30 B	1.75B	6.15	3.95	1.75	1.13	9.19	1.17	3.06	6.02	3.48B	19
20	0.580B	8.60 B	1.69B	5.83	3.49	1.64	1.14	7.38	2.38	3.74	5.26	3.29B	20
21	0.563B	13.9 B	1.62B	5.36	3.04	2.03	1.10	6.04	2.26	3.42	7.62	3.07B	21
22	0.545B	18.9	1.56B	4.70	2.65	2.08	1.08	5.41	2.33	3.15	8.99	2.92B	22
23	0.530B	17.5	1.51B	4.23	2.54	4.67	0.984	5.00	1.77	6.51	7.86	2.78B	23
24	0.520B	15.5	1.47B	4.12	2.32	3.25	0.845	4.82	1.59	25.1	7.09	2.63B	24
25	0.505B	13.6	1.45B	4.48	2.10	2.69	0.837	3.94	1.55	17.8	6.33	2.50B	25
26	0.490B	11.9	1.40B	4.47	2.29	5.15	0.783	3.10	1.42	14.4	5.42	2.40B	26
27	0.480B	10.8	1.37B	4.45	2.26	5.10	1.18	2.51	1.33	14.2	4.90	2.27B	27
28	0.470B	9.10	1.34B	4.02	2.26	4.11	1.08	2.29	1.58	20.5	4.63	2.18B	28
29	0.452B		2.01	4.20	2.71	3.74	0.917	2.11	1.62	19.1	4.33	2.08B	29
30	0.438B		4.18	4.99	2.41	3.40	0.863	1.98	1.48	14.6	4.13	2.02B	30
31	0.428B		15.9		2.80		0.800	1.88		12.2		1.93B	31
TOTAL	21.472	193.015	101.08	346.95	114.74	84.28	44.189	109.829	48.34	201.30	179.64	139.52	TOTAL
MEAN	0.693	6.89	3.26	11.6	3.70	2.81	1.43	3.54	1.48	6.49	5.99	4.50	MEAN
MAX	1.08	18.9	15.9	25.1	5.27	5.15	2.67	15.5	2.38	25.1	11.0	9.20	MAX
MIN	0.428	0.415	1.34	4.02	2.10	1.64	0.783	0.702	1.14	1.38	3.59	1.93	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.33
MAXIMUM DAILY, 25.1 ON APR 6
MINIMUM DAILY, 0.415B ON FEB 1
MAXIMUM INSTANTANEOUS,
31.6 AT 20:16 AST ON AUG 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 49 42 N
LONG 67 44 35 W
DRAINAGE AREA, 199 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 860	JUL	3 820
FEB	16 700	AUG	9 490
MAR	8 730	SEP	3 830
APR	30 000	OCT	17 400
MAY	9 910	NOV	15 500
JUN	7 280	DEC	12 100

TOTAL DISCHARGE, 137 000 dam³

LITTLE SOUTH BRANCH TOMOGONOPS RIVER BELOW B PIT - STATION NO. 01BQ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.073B	0.037B	0.530B	0.535	1.57	0.553	0.315	0.029	0.167	0.318	0.591	0.370B	1
2	0.066B	0.080B	0.500B	0.742	1.61	0.413	0.303	0.027	0.148	0.352	0.573	1.20 B	2
3	0.061B	0.130B	0.470B	1.24	1.65	0.390	0.275	0.028	0.122	0.672	0.532	0.647	3
4	0.057B	0.190B	0.440B	1.41	1.64	0.384	0.252	0.045	0.117	0.515	0.480	0.660	4
5	0.053B	0.250B	0.420B	2.08	1.71	0.355	0.259	0.077	0.116	0.489	0.443	0.568	5
6	0.050B	0.330B	0.390B	2.28	1.92	0.314	0.281	0.611	0.114	0.447	0.439	1.27	6
7	0.048B	0.280B	0.370B	1.88	3.07	0.343	0.247	0.611	0.106	0.864	0.613	1.88	7
8	0.074B	0.240B	0.360B	1.66	2.36	0.315	0.188	0.458	0.092	1.49	0.947	1.93	8
9	0.086B	0.210B	0.330B	2.02	1.98	0.296	0.160	0.389	0.157	1.34	0.900	1.78	9
10	0.079B	0.190B	0.327B	2.70	1.80	0.690	0.188	0.330	0.160	1.07	0.789	1.54	10
11	0.074B	0.170B	0.321	2.28	1.68	0.588	0.168	0.274	0.151	0.918	0.739	1.34	11
12	0.070B	0.160B	0.485	1.98	1.52	0.487	0.182	0.238	0.144	0.788	0.681	1.18	12
13	0.064B	1.00 B	0.324	1.64	1.99	0.458	0.166	0.206	0.126	0.703	0.604	0.940B	13
14	0.060B	0.790B	0.346	1.50	2.02	0.416	0.181	0.198	0.114	0.634	0.567	0.780B	14
15	0.057B	0.730B	0.380B	1.39	1.61	0.398	0.244	0.206	0.109	0.578	0.535	0.660B	15
16	0.053B	0.640B	0.480B	1.19	1.36	0.392	0.201	0.355	0.106	0.543	0.483	0.600B	16
17	0.050B	0.560B	0.560B	1.07	1.79	0.397	0.151	0.667	0.097	0.498	0.479	0.702	17
18	0.048B	0.500B	0.720B	1.04	1.52	0.351	0.149	0.763	0.091	0.467	0.488	0.620B	18
19	0.046B	0.460B	1.05 B	0.954	1.28	0.301	0.167	0.549	0.191	0.552	0.489	0.550B	19
20	0.044B	0.500B	0.700B	0.891	1.12	0.301	0.135	0.373	0.743	0.472	0.450	0.480B	20
21	0.043B	0.580B	0.630B	0.808	0.989	0.346	0.153	0.360	0.449	0.430	0.656	0.420B	21
22	0.041B	0.820B	0.550B	0.762	0.870	0.314	0.172	0.354	0.399	0.417	0.896	0.370B	22
23	0.040B	0.780B	0.520B	0.740	0.738	0.649	0.120	0.322	0.431	0.446	0.815	0.330B	23
24	0.039B	0.720B	0.490B	0.722	0.646	0.434	0.098	0.309	0.456	0.656	0.693	0.300B	24
25	0.037B	0.670B	0.450B	0.718	0.553	0.418	0.083	0.306	0.405	0.562	0.593	0.270B	25
26	0.036B	0.620B	0.410B	0.751	0.547	0.618	0.074	0.276	0.372	0.539	0.520B	0.250B	26
27	0.035B	0.590B	0.413	0.875	0.530	0.480	0.134	0.249	0.347	0.552	0.490B	0.240B	27
28	0.034B	0.560B	0.504	0.937	0.513	0.401	0.099	0.226	0.372	0.664	0.450B	0.220B	28
29	0.033B		0.422	1.18	0.559	0.363	0.065	0.166	0.351	0.617	0.420B	0.210B	29
30	0.033B		0.517	1.62	0.458	0.331	0.063	0.158	0.326	0.583	0.380B	0.200B	30
31	0.032B		0.548		0.556		0.040	0.158		0.587		0.195B	31
TOTAL	1.616	12.787	14.950	39.595	42.159	12.496	5.313	9.318	7.079	19.763	17.735	22.702	TOTAL
MEAN	0.052	0.457	0.482	1.32	1.36	0.417	0.171	0.301	0.236	0.638	0.591	0.732	MEAN
MAX	0.086	1.00	1.05	2.70	3.07	0.690	0.315	0.763	0.743	1.49	0.947	1.93	MAX
MIN	0.032	0.037	0.320	0.535	0.458	0.296	0.040	0.027	0.091	0.318	0.380	0.195	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.563
MAXIMUM DAILY, 3.07 ON MAY 7
MINIMUM DAILY, 0.027 ON AUG 2
MAXIMUM INSTANTANEOUS,
3.68 AT 08:09 AST ON MAY 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 17 28 N
LONG 66 02 34 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	140	JUL	459
FEB	1 100	AUG	805
MAR	1 290	SEP	612
APR	3 420	OCT	1 710
MAY	3 640	NOV	1 530
JUN	1 080	DEC	1 960

TOTAL DISCHARGE, 17 700 dam³

LITTLE SOUTHWEST MIRAMICHI RIVER AT LYTTLETON - STATION NO. 01BP001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.8 B	8.00B	26.5B	33.0B	99.0	59.9	23.4	13.5	9.72	23.6	55.5	26.0B	1
2	11.6 B	8.80B	25.8B	48.0B	91.9	49.7	22.3	11.8	9.32	23.5	50.6	42.0E	2
3	11.2 B	10.5 B	24.4B	84.0B	91.9	43.1	21.0	11.3	9.16	35.9	46.7	60.0E	3
4	11.1 B	14.0 B	23.8B	130 B	88.9	39.6	19.8	11.0	9.00	44.2	42.4	95.0E	4
5	11.0 B	26.0 B	22.8B	198 B	91.0	37.9	27.6	11.0	8.97	38.6	37.7	74.0E	5
6	10.9 B	25.5 B	21.8B	190 B	107	35.4	62.6	11.6	8.74	33.8	35.8	94.0E	6
7	10.9 B	25.0 B	21.0B	170 B	180	36.1	47.0	23.9	8.45	40.1	37.8	139 E	7
8	11.8 B	23.2 B	20.2B	150 B	143	38.1	37.9	24.2	8.19	133	51.3	109 A	8
9	13.5 B	21.8 B	19.1B	140 B	111	33.0	31.1	19.2	8.89	88.6	50.7	80.2	9
10	13.0 B	20.8 B	18.5B	150 B	98.1	48.4	26.8	18.1	11.9	66.0	43.3	68.5	10
11	12.9 B	20.0 B	17.9B	185	89.2	57.7	24.1	16.3	11.5	55.3	38.2	60.7	11
12	12.6 B	22.0 B	17.0B	136	83.2	46.9	22.3	14.4	10.9	48.0	35.1	53.1	12
13	11.9 B	30.0 B	16.0B	104	117	41.4	20.3	12.8	10.6	43.0	31.3	43.3	13
14	11.7 B	44.0 B	15.3B	88.2	206	37.4	20.3	11.6	16.6	39.9	31.0	38.0B	14
15	11.2 B	41.0 B	15.0B	85.0	154	33.8	21.9	11.0	17.0	36.6	28.7	36.0B	15
16	10.9 B	38.5 B	15.2B	71.9	116	31.4	20.2	12.8	13.8	34.1	28.3	34.0B	16
17	10.7 B	36.0 B	20.0B	63.5	135	30.7	17.9	25.8	11.8	31.7	28.8	36.0B	17
18	10.3 B	34.0 B	24.0B	60.8	145	30.1	16.6	42.4	10.8	29.5	31.8	29.0B	18
19	10.0 B	32.3 B	28.0B	61.5	102	27.2	15.7	35.0	10.9	34.0	40.3	26.5B	19
20	9.90B	31.5 B	24.0B	60.5	83.5	25.1	15.5	25.6	65.4	42.8	36.1	25.5B	20
21	9.70B	32.3 B	20.2B	56.1	71.4	25.4	16.1	20.6	55.7	37.9	50.2	24.0B	21
22	9.40B	34.5 B	19.0B	50.4	63.7	26.6	16.5	17.7	39.3	33.6	85.3	23.0B	22
23	9.20B	37.5 B	18.3B	48.8	57.7	47.6	16.2	15.7	30.3	33.5	59.8	22.0B	23
24	9.00B	41.0 B	17.9B	48.6	52.4	47.0	14.6	14.9	27.7	81.5	44.6	21.0B	24
25	8.90B	37.0 B	17.0B	49.0	48.0	35.7	13.3	13.7	30.6	102	39.6	20.0B	25
26	8.70B	33.0 B	16.8B	49.2	46.5	38.1	12.3	12.6	25.8	71.8	35.4	19.4B	26
27	8.60B	31.5 B	16.4B	56.5	46.6	44.7	12.8	11.8	21.4	58.3	32.0	18.5B	27
28	8.50B	29.8 B	16.1B	56.1	46.3	36.2	18.5	11.5	20.7	71.5	29.0	17.9B	28
29	8.40B		16.4B	66.8	66.8	29.3	16.8	11.0	23.5	97.5	28.0B	17.0B	29
30	8.20B		18.2B	106	64.4	25.8	14.6	10.3	23.5	77.5	27.0B	16.0B	30
31	8.10B		23.5B		58.3		13.8	10.1		62.6		15.5B	31
TOTAL	325.60	789.50	616.1	2 794.9	2 954.8	1 139.3	679.8	512.4	570.14	1 649.9	1 212.3	1 384.1	TOTAL
MEAN	10.5	28.2	19.9	93.2	95.3	38.0	21.9	16.5	19.0	53.2	40.4	44.6	MEAN
MAX	13.5	44.0	28.0	198	206	59.9	62.6	42.4	65.4	133	85.3	139	MAX
MIN	8.10	8.00	15.0	33.0	46.3	25.1	12.3	10.1	8.19	23.5	27.0	15.5	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 40.1
MAXIMUM DAILY, 206 ON MAY 14
MINIMUM DAILY, 8.00B ON FEB 1
MAXIMUM INSTANTANEOUS,
225 AT 23:30 AST ON APR 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 56 09 N
LONG 65 54 26 W
DRAINAGE AREA, 1 340 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	28 100	JUL	58 700
FEB	68 200	AUG	44 300
MAR	53 200	SEP	49 300
APR	241 000	OCT	143 000
MAY	255 000	NOV	105 000
JUN	98 400	DEC	120 000

TOTAL DISCHARGE, 1 260 000 dam³

MAGAGUADAVIC LAKE NEAR UPPER MAGAGUADAVIC - STATION NO. 01AQ007

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	116.820	116.756	116.957	116.529	116.699	116.867	116.851	116.761	116.626	116.697	117.026	116.848	1
2	116.820	116.762	116.950	116.603	116.688	116.878	116.838	116.740	116.617	116.713	117.013	116.861	2
3	116.822	116.804	116.938	116.709	116.672	116.880	116.825	116.718	116.610	116.737	116.992	116.901	3
4	116.814	116.817	116.929	116.814	116.658	116.875	116.817	116.707	116.596	116.771	116.969	116.932	4
5	116.811	116.827	116.909	116.903	116.646	116.865	116.809	116.694	116.585	116.792	116.944	116.959	5
6	116.806	116.833	116.848	116.997	116.638	116.857	116.819	116.709	116.569	116.801	116.933	116.988	6
7	116.801	116.833	116.818	117.061	116.652	116.850	116.820	116.736	116.555	116.821	116.919	117.015	7
8	116.813	116.836	116.790	117.088	116.665	116.843	116.819	116.757	116.549	116.840	116.906	117.032	8
9	116.813	116.855	116.757	117.098	116.674	116.839	116.811	116.772	116.540	116.854	116.894	117.041	9
10	116.818	116.854	116.735	117.107	116.680	116.837	116.800	116.774	116.503	116.867	116.881	117.038	10
11	116.826	116.858	116.711	117.108	116.685	116.825	116.785	116.768	116.459	116.864	116.864	117.029	11
12	116.824	116.879	116.687	117.094	116.696	116.817	116.766	116.757	116.420	116.865	116.848	117.012	12
13	116.818	116.887	116.668	117.063	116.725	116.816	116.755	116.748	116.384	116.868	116.833	116.993	13
14	116.813	116.889	116.657	117.039	116.748	116.811	116.762	116.737	116.345	116.867	116.822	116.973	14
15	116.810	116.888	116.642	117.018	116.761	116.804	116.747	116.725	116.311	116.860	116.813	116.950	15
16	116.807	116.893	116.627	116.982	116.776	116.800	116.733	116.737	116.277	116.851	116.806	116.945	16
17	116.802	116.923	116.636	116.955	116.799	116.797	116.719	116.760	116.233	116.845	116.805	116.943	17
18	116.796	116.931	116.626	116.932	116.809	116.796	116.707	116.768	116.199	116.840	116.818	116.937	18
19	116.790	116.931	116.607	116.907	116.817	116.795	116.739	116.776	116.185	116.859	116.826	116.931	19
20	116.783	116.929	116.594	116.880	116.826	116.794	116.764	116.780	116.217	116.865	116.844	116.922	20
21	116.777	116.926	116.577	116.852	116.828	116.799	116.784	116.772	116.221	116.862	116.896	116.914	21
22	116.772	116.931	116.556	116.826	116.825	116.805	116.797	116.759	116.222	116.853	116.918	116.905	22
23	116.777	116.945	116.539	116.799	116.820	116.816	116.804	116.744	116.223	116.850	116.930	116.893	23
24	116.780	116.953	116.523	116.777	116.809	116.823	116.807	116.735	116.257	116.856	116.935	116.875	24
25	116.775	116.960	116.504	116.764	116.807	116.833	116.802	116.720	116.368	116.862	116.934	116.855	25
26	116.770	116.961	116.490	116.755	116.803	116.855	116.798	116.705	116.471	116.870	116.926	116.842	26
27	116.771	116.963	116.479	116.732	116.803	116.869	116.798	116.694	116.557	116.885	116.917	116.828	27
28	116.770	116.964	116.466	116.722	116.823	116.873	116.795	116.682	116.623	116.933	116.900	116.821	28
29	116.764		116.457	116.717	116.838	116.868	116.785	116.669	116.658	116.984	116.879	116.819	29
30	116.759		116.467	116.708	116.845	116.858	116.779	116.655	116.682	117.016	116.859	116.810	30
31	116.758		116.504		116.854		116.774	116.640		117.029		116.799	31
MEAN	116.796	116.885	116.666	116.885	116.754	116.835	116.787	116.732	116.435	116.854	116.895	116.923	MEAN
MAX	116.826	116.964	116.957	117.108	116.854	116.880	116.851	116.780	116.682	117.029	117.026	117.041	MAX
MIN	116.758	116.756	116.457	116.529	116.638	116.794	116.707	116.640	116.185	116.697	116.805	116.799	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 116.787
MAXIMUM DAILY, 117.108 ON APR 11
MINIMUM DAILY, 116.185 ON SEP 19
MAXIMUM INSTANTANEOUS,
117.109 AT 17:53 AST ON APR 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 44 28 N
LONG 67 11 52 W

REGULATED SINCE 1978

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAGAGUADAVIC RIVER AT ELMCROFT - STATION NO. 01AQ002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.8 B	7.50B	68.0B	88.0	68.0E	60.6	22.7	17.0	13.2	26.8	72.7	60.9	1
2	13.1 B	16.2 B	66.4	111	54.0E	55.0	20.2	17.2	12.4	23.7	62.6	73.4	2
3	12.5 B	40.0 B	56.8	200	40.0E	41.7	18.1	15.8	17.3	29.5	55.6	113	3
4	12.0 B	39.0 B	53.0	187	35.0E	33.2	16.3	14.7	17.3	40.0	50.4	143	4
5	11.4 B	37.0 B	50.4	164	31.0E	28.8	15.3	13.7	16.3	36.9	48.7	126	5
6	10.9 B	35.0 B	46.6	179	31.5E	25.9	16.1	20.5	14.8	30.9	40.5	106	6
7	10.7 B	33.0 B	43.9	187	37.0E	36.7	34.4	63.8	13.5	28.2	46.4	115	7
8	15.0 B	31.0 B	41.0	152	35.0E	40.5	39.5	64.6	12.8	33.6	52.4	116	8
9	18.5 B	30.0 B	38.3	128	30.0E	33.7	32.3	50.8	18.8	36.7	53.4	101	9
10	17.2 B	29.0 B	36.2	127	27.0E	43.3	26.6	37.4	28.5	34.1	47.1	86.5	10
11	16.5 B	28.0 B	34.7	122	23.9E	42.2	23.4	29.9	33.8	30.2	41.9	75.3	11
12	15.8 B	50.0 B	32.7	108	21.0E	33.5	21.9	23.9	31.3	27.0	37.6	67.3	12
13	15.0 B	94.0 B	31.5	93.6	110 E	29.5	19.8	21.1	28.8	24.8	34.7	57.2	13
14	14.0 B	92.0 B	31.1	82.0	98.0E	25.7	30.6	18.9	26.3	22.8	32.2	49.1	14
15	13.2 B	85.0 B	31.2	80.8	84.0E	22.3	64.7	17.0	24.7	21.5	30.5	47.6	15
16	12.8 B	76.0 B	33.0	74.1	52.0E	20.7	54.0	80.5	23.6	20.6	30.3	54.8	16
17	12.0 B	68.0 B	42.3	64.1	64.0E	23.6	36.7	178	22.0	19.6	33.0	77.0	17
18	11.5 B	59.0 B	51.2	58.5	86.0E	23.8	26.5	129	20.7	18.6	51.6	73.1	18
19	11.0 B	55.0 B	56.0	58.7	56.0E	20.7	22.3	91.3	20.6	21.3	80.2	66.2	19
20	10.4 B	51.0 B	51.2	56.2	37.0E	21.5	21.0	62.1	50.8	33.1	81.0	56.7	20
21	10.0 B	57.0 B	43.9	51.8	30.0E	28.0	27.0	43.6	66.8	37.2	96.9	52.0B	21
22	9.70B	70.0 B	37.2	48.7	27.0E	51.6	47.8	33.4	52.3	35.3	120	48.0B	22
23	9.50B	111 B	31.5	44.5	25.0E	59.9	40.1	27.8	44.8	31.2	100	44.0B	23
24	9.20B	100 B	28.7	40.6	25.5E	52.4	27.3	24.3	61.8	48.5	77.4	40.0B	24
25	9.00B	94.0 B	26.8	42.3	24.0E	38.1	19.8	21.7	147	74.0	62.4	37.5B	25
26	8.70B	84.0 B	26.6	43.2A	22.2E	43.8	16.4	19.5	128	66.8	53.5	34.5B	26
27	8.50B	79.0 B	27.8	39.0E	20.3A	49.2	15.9	17.7	83.9	73.2	47.2	32.0B	27
28	8.20B	75.0 B	28.9	36.0E	23.0	40.4	18.6	16.3	56.0	102	42.6	30.0B	28
29	8.00B		31.3	35.0E	25.6	31.5	17.0	15.4	41.1	134	39.1	27.5B	29
30	7.80B		43.8	68.0E	31.9	26.0	15.6	14.3	32.4	118	35.3	26.0B	30
31	7.60B		73.1		42.1		16.6	13.6		90.8		24.5B	31
TOTAL	363.50	1 625.70	1 295.1	2 770.1	1 317.0	1 083.8	824.5	1 214.8	1 161.6	1 370.9	1 653.2	2 061.1	TOTAL
MEAN	11.7	58.1	41.8	92.3	42.5	36.1	26.6	39.2	38.7	44.2	55.1	66.5	MEAN
MAX	18.5	111	73.1	200	110	60.6	64.7	178	147	134	120	143	MAX
MIN	7.60	7.50	26.6	35.0	20.3	20.7	15.3	13.6	12.4	18.6	30.3	24.5	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 45.9
MAXIMUM DAILY, 200 ON APR 3
MINIMUM DAILY, 7.50B ON FEB 1
MAXIMUM INSTANTANEOUS,
207 AT 21:14 AST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 16 24 N
LONG 66 48 24 W
DRAINAGE AREA, 1 420 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	31 400	JUL	71 200
FEB	140 000	AUG	105 000
MAR	112 000	SEP	100 000
APR	239 000	OCT	118 000
MAY	114 000	NOV	143 000
JUN	93 600	DEC	178 000

TOTAL DISCHARGE, 1 450 000 dam³

MAMOZEKEL RIVER NEAR CAMPBELL RIVER - STATION NO. 01AH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.54 B	0.715B	6.60B	2.65B	14.4	6.50	5.08	1.10	0.926	1.34	10.1	3.55	1
2	1.47 B	0.710B	6.00B	3.60B	13.9	5.68	4.55	1.03	0.875	1.23	9.29	3.58	2
3	1.42 B	3.00 B	5.50B	5.00B	14.0	5.24	4.08	0.977	0.868	2.42	8.29	4.38	3
4	1.36 B	2.75 B	4.55B	9.00B	13.2	4.99	3.71	0.969	0.812	4.00	7.34	5.32	4
5	1.31 B	2.60 B	4.05B	20.3	13.4	4.90	5.47	1.02	0.784	3.50	6.45	5.52	5
6	1.26 B	2.45 B	3.75B	34.1	15.0	4.43	5.36	1.11	0.761	3.03	5.85	5.18	6
7	1.21 B	2.27 B	3.50B	33.6	18.9	4.74	5.71	1.42	0.724	2.67	5.63	8.07	7
8	1.17 B	2.12 B	3.25B	22.5	15.7	4.38	5.43	1.38	0.705	4.38	8.48	10.0	8
9	1.13 B	2.00 B	3.05B	18.5	12.8	3.87	5.04	1.20	0.697	5.83	8.06	9.41	9
10	1.09 B	1.95 B	2.85B	40.7	11.5	6.25	4.39	1.14	0.855	5.11	6.85	8.34	10
11	1.05 B	1.87 B	2.75B	43.0	10.4	7.76	3.95	1.27	0.865	4.40	6.06	7.68	11
12	1.02 B	2.00 B	2.65B	30.4	9.91	6.23	3.53	1.34	0.828	3.90	5.67	6.98	12
13	0.990B	5.20 B	2.55B	20.5	12.0	5.54	3.22	1.30	0.795	3.48	5.13	5.32	13
14	0.960B	4.10 B	2.45B	15.8	15.3	5.16	3.18	1.11	0.783	3.17	4.84	5.60	14
15	0.940B	3.50 B	2.40B	15.1	12.7	4.69	3.18	0.950	0.747	2.93	4.53	6.34	15
16	0.915B	3.15 B	2.35B	11.8	10.9	4.45	2.90	2.42	0.680	2.73	4.26	5.86	16
17	0.890B	2.78 B	2.30B	10.9	10.8	4.54	2.52	4.99	0.627	2.54	4.06	5.13	17
18	0.860B	2.55 B	2.25B	10.3	10.6	4.65	2.20	6.00	0.562	2.43	4.16	4.23	18
19	0.845B	2.40 B	2.22B	10.8	9.45	4.13	2.00	4.91	0.571	2.65	4.33	3.60B	19
20	0.825B	2.90 B	2.18B	9.61	8.54	3.63	1.84	3.45	3.15	3.31	4.08	3.25B	20
21	0.810B	4.00 B	2.16B	8.68	7.73	3.47	1.68	2.59	3.18	2.93	4.76	3.00B	21
22	0.795B	5.60 B	2.14B	7.78	7.08	3.34	1.64	2.17	1.82	2.58	7.18	2.75B	22
23	0.780B	8.00 B	2.12B	7.46	6.56	6.41	1.52	1.93	1.31	3.71	7.08	2.55B	23
24	0.770B	10.4 B	2.10B	7.95	5.96	5.95	1.39	1.69	1.04	23.1	6.28	2.45B	24
25	0.760B	12.2 B	2.10B	7.82	5.47	4.60	1.28	1.57	0.925	24.4	5.66	2.30B	25
26	0.750B	13.0 B	2.11B	8.17	5.46	7.62	1.19	1.44	0.852	15.3	5.16	2.20B	26
27	0.740B	10.5 B	2.12B	9.51	5.62	11.9	1.59	1.33	0.811	13.6	4.69	2.10B	27
28	0.735B	7.80 B	2.12B	9.72	5.47	8.41	2.62	1.19	1.07	18.8	4.31	2.00B	28
29	0.730B		2.13B	10.9	6.11	6.73	1.83	1.08	1.49	20.2	4.08	1.92B	29
30	0.725B		2.15B	16.2	6.09	5.80	1.35	1.04	1.39	14.7	3.58	1.85B	30
31	0.720B		2.35B		6.34		1.24	0.968		11.7		1.80B	31
TOTAL	30.570	122.515	90.80	462.35	321.29	165.99	94.67	56.084	31.503	216.07	176.24	142.26	TOTAL
MEAN	0.986	4.38	2.93	15.4	10.4	5.53	3.05	1.81	1.05	6.97	5.87	4.59	MEAN
MAX	1.54	13.0	6.60	43.0	18.9	11.9	5.71	6.00	3.18	24.4	10.1	10.0	MAX
MIN	0.720	0.710	2.10	2.65	5.46	3.34	1.19	0.950	0.562	1.23	3.58	1.80	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.23
MAXIMUM DAILY, 43.0 ON APR 11
MINIMUM DAILY, 0.562 ON SEP 18
MAXIMUM INSTANTANEOUS,
51.7 AT 07:30 AST ON APR 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 15 03 N
LONG 67 08 32 W
DRAINAGE AREA, 230 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 640	JUL	8 180
FEB	10 600	AUG	4 850
MAR	7 850	SEP	2 720
APR	39 900	OCT	18 700
MAY	27 800	NOV	15 200
JUN	14 300	DEC	12 300

TOTAL DISCHARGE, 165 000 dam³

MEDUXNEKEAG RIVER NEAR BELLEVILLE - STATION NO. 01AJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.0 B	5.65B	45.0B	89.8	46.0	25.6	11.1	2.28	2.78	29.8	58.6	23.0	1
2	19.3 B	6.18B	41.0B	108	38.4	21.7	10.0	1.98	2.58	25.7	51.2	26.0	2
3	18.3 B	11.0 B	38.0B	149	32.9	16.7	9.22	1.76	2.28	42.7	45.0	48.3	3
4	17.2 B	22.5 B	34.5B	142	28.6	14.3	7.89	1.63	2.27	62.1	39.5	66.0	4
5	16.5 B	45.0 B	31.5B	149	25.2	12.9	7.24	1.76	2.03	50.2	34.6	60.3	5
6	15.7 B	53.0 B	28.5B	191	23.4	11.4	7.34	3.45	1.93	38.8	32.1	57.1	6
7	15.0 B	45.0 B	26.0B	168	23.2	12.7	9.80	24.8	1.64	50.9	34.5	92.0	7
8	14.2 B	37.5 B	23.5B	126	22.5	17.6	10.7	33.7	1.52	212	38.6	108	8
9	13.6 B	30.0 B	22.8	119	19.9	15.8	9.09	25.0	1.86	161	38.5	85.5	9
10	13.0 B	26.0 B	21.2	155	17.4	16.5	8.19	16.9	2.33	100	33.6	65.8	10
11	12.5 B	22.8 B	19.4	138	15.8	15.2	7.24	13.0	2.74	69.5	29.0	55.4	11
12	11.9 B	37.5 B	17.9B	108	13.6	12.7	6.46	10.2	2.73	53.3	25.6	47.0	12
13	11.5 B	60.0 B	17.0B	83.2	25.9	12.1	5.59	8.61	2.65	44.2	22.6	36.4	13
14	11.0 B	76.0 B	15.9B	71.6	44.9	11.5	5.68	6.70	2.45	38.3	21.3	31.5B	14
15	10.5 B	70.0 B	15.3B	76.7	35.1	10.1	6.70	4.89	2.75	33.1	20.4	28.5B	15
16	10.1 B	62.0 B	14.9B	70.0E	28.4	9.75	6.58	6.97	3.22	30.1	19.5	26.5B	16
17	9.70B	55.0 B	14.2B	60.0E	32.0	11.8	5.51	14.3	3.03	27.0	22.8	24.9B	17
18	9.30B	49.0 B	13.9B	52.0E	40.2	11.4	4.62	17.6	2.74	24.4	47.8	23.3B	18
19	9.00B	41.5 B	13.0B	50.0E	32.5	9.37	4.14	16.8	3.27	33.1	79.8	22.0B	19
20	8.60B	44.0 B	14.0B	54.0E	26.7	8.00	3.95	11.8	27.6	46.6	66.4	21.2B	20
21	8.30B	49.0 B	14.2B	48.0E	22.5	18.7	4.11	9.02	32.9	39.4	83.1	20.0B	21
22	8.00B	67.0 B	13.5B	40.0A	19.5	24.8	4.68	7.36	23.1	33.2	112	19.5B	22
23	7.70B	112 B	14.4	30.8	17.4	39.0	4.48	6.10	35.4	35.0	84.8	18.9B	23
24	7.40B	95.0 B	13.4	30.7	15.3	35.5	3.98	5.74	72.5	156	61.9	18.2B	24
25	7.10B	80.0 B	14.4	37.1	13.6	25.1	3.26	5.60	164	178	48.8	17.9B	25
26	6.90B	69.0 B	14.1	39.0	13.6	26.8	2.91	4.91	131	111	40.6	17.3B	26
27	6.70B	60.0 B	15.6	30.4	15.1	31.7	2.89	4.63	78.3	93.8	34.2	17.0B	27
28	6.40B	54.0 B	16.3	32.8	15.8	24.5	3.10	4.12	55.4	99.8	32.2	16.7B	28
29	6.20B		19.5	32.2	22.6	18.4	2.98	3.60	47.6	117	29.7	16.3B	29
30	6.00B		22.1	49.1	24.1	14.1	2.93	3.17	37.9	93.4	24.5	16.1B	30
31	5.80B		65.7		22.8		2.73	2.97		72.0		15.9B	31
TOTAL	343.40	1 385.63	701.7	2 530.4	774.9	535.72	185.09	281.35	752.50	2 201.4	1 313.1	1 142.5	TOTAL
MEAN	11.1	49.5	22.6	84.3	25.0	17.9	5.97	9.08	25.1	71.0	43.8	36.9	MEAN
MAX	20.0	112	65.7	191	46.0	39.0	11.1	33.7	164	212	112	108	MAX
MIN	5.80	5.65	13.0	30.4	13.6	8.00	2.73	1.63	1.52	24.4	19.5	15.9	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.3
MAXIMUM DAILY, 212 ON OCT 8
MINIMUM DAILY, 1.52 ON SEP 8
MAXIMUM INSTANTANEOUS,
248 AT 15:15 AST ON OCT 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 12 58 N
LONG 67 43 42 W
DRAINAGE AREA, 1 210 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	29 700	JUL	16 000
FEB	120 000	AUG	24 300
MAR	60 600	SEP	65 000
APR	219 000	OCT	190 000
MAY	67 000	NOV	113 000
JUN	46 300	DEC	98 700

TOTAL DISCHARGE, 1 050 000 dam³

NEW BRUNSWICK

NACKAWIC RIVER NEAR TEMPERANCE VALE - STATION NO. 01AK007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.560B	0.418B	14.7	17.7 A	12.5	4.36	1.54	0.518	0.581	5.01	9.70	5.01	1
2	0.550B	1.65 B	11.6 B	27.5 E	8.46	3.53	1.14	0.424	0.518	4.25	7.97	5.58	2
3	0.540B	4.00 B	9.60B	41.8 A	6.29	2.62	0.869	0.351	0.420	13.4	6.53	16.8	3
4	0.530B	15.0 B	7.75B	40.5	5.18	2.00	0.676	0.307	0.367	17.2	5.20	27.1	4
5	0.520B	9.60 B	6.31B	40.3	4.42	1.60	0.606	0.281	0.327	12.8	4.41	20.3	5
6	0.510B	5.80 B	5.39	63.0	4.16	1.31	0.906	1.77	0.287	8.21	4.11	20.7	6
7	0.500B	4.00 B	4.62	46.6	5.17	1.54	3.40	7.01	0.254	8.06	5.06	26.6	7
8	0.493B	3.40 B	4.18	33.5	4.56	1.80	3.44	7.47	0.236	15.2	7.60	25.8	8
9	0.486B	2.85 B	3.93	32.9	3.73	1.82	2.30	5.08	0.306	15.4	6.99	18.6	9
10	0.479B	2.35 B	3.58	41.6	3.13	2.31	1.54	3.37	0.419	10.2	5.65	12.2	10
11	0.471B	2.00 B	3.39	35.4	2.78	1.95	1.21	2.41	0.408	7.01	4.59	9.39	11
12	0.463B	7.60 B	3.25	25.0	2.56	1.47	1.01	1.71	0.443	5.41	3.91	7.47	12
13	0.457B	25.0 B	3.04	16.6	5.71	1.15	0.763	1.21	0.431	4.36	3.42	5.12	13
14	0.451B	19.5 B	2.68	12.0	8.17	0.944	0.730	0.922	0.415	3.75	3.16	4.00B	14
15	0.444B	12.5 B	2.13	12.0	6.41	0.779	0.640	0.670	0.548	3.24	2.94	3.00B	15
16	0.439B	9.00 B	2.02B	9.39	4.89	0.742	0.525	3.52	0.583	2.85	2.85	4.88	16
17	0.433B	6.90 B	1.88B	7.99	6.76	0.881	0.417	9.72	0.577	2.58	12.1	6.35	17
18	0.428B	6.20 B	1.80B	7.15	7.95	0.872	0.347	12.7	0.491	2.32	29.9	6.44	18
19	0.423B	6.00 B	1.58B	9.30	6.42	0.621	3.32	9.67	1.36	4.60	31.1	5.84	19
20	0.418B	6.70 B	1.95B	8.93	4.84	0.504	4.87	5.39	14.5	7.02	19.8	4.91	20
21	0.413B	8.00 B	2.11B	7.15	3.79	2.89	3.69	3.23	16.5	5.66	22.2	3.90	21
22	0.408B	34.5 B	2.13B	5.50	3.19	4.11	3.76	2.18	10.5	4.50	21.8	3.20B	22
23	0.403B	36.0 A	2.28B	4.76	2.66	7.83	2.71	1.84	20.3	3.89	15.6	2.70B	23
24	0.398B	32.7 A	2.46B	4.58	2.26	6.48	1.71	3.50	23.1	13.4	10.1	2.25B	24
25	0.393B	22.9	2.61B	5.17	1.85	4.30	1.08	4.16	40.8	19.3	7.41	1.95B	25
26	0.388B	17.0	2.84B	5.24	1.97	7.22	0.749	2.68	28.1	14.1	5.85	1.70B	26
27	0.460B	16.9	2.92B	5.08	2.86	8.44	0.914	1.78	15.5	13.3	4.44	1.55B	27
28	0.451B	16.5	3.20B	4.87	3.36	5.40	1.44	1.38	10.6	25.7	4.44	1.42B	28
29	0.442B		3.35	6.48	3.48	3.23	1.15	1.07	8.80	40.2	3.75	1.32B	29
30	0.433B		5.17	14.4	3.19	2.19	0.939	0.864	6.90	25.3	3.73	1.23B	30
31	0.424B		11.5		3.55		0.724	0.681		14.6		1.15B	31
TOTAL	14.208	334.968	135.95	592.39	146.25	84.893	49.115	97.888	204.571	332.82	276.31	258.46	TOTAL
MEAN	0.458	12.0	4.39	19.7	4.72	2.83	1.58	3.16	6.82	10.7	9.21	8.34	MEAN
MAX	0.560	36.0	14.7	63.0	12.5	8.44	4.87	12.7	40.8	40.2	31.1	27.1	MAX
MIN	0.388	0.418	1.58	4.58	1.85	0.504	0.347	0.281	0.236	2.32	2.85	1.15	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.93
MAXIMUM DAILY, 63.0 ON APR 6
MINIMUM DAILY, 0.236 ON SEP 8
MAXIMUM INSTANTANEOUS,
68.7 AT 16:05 AST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 02 57 N
LONG 67 14 25 W
DRAINAGE AREA, 240 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 230	JUL	4 240
FEB	28 900	AUG	8 460
MAR	11 700	SEP	17 700
APR	51 200	OCT	28 800
MAY	12 600	NOV	23 900
JUN	7 330	DEC	22 300

TOTAL DISCHARGE, 218 000 dam³

REMARKS - FORMERLY PUBLISHED AS "NACKAWIC RIVER AT TEMPERANCE VALE" RELOCATED OCT 1980

NARROWS MOUNTAIN BROOK NEAR NARROWS MOUNTAIN - STATION NO. 01AL004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.057	0.025B	0.224	0.248	0.149	0.097	0.061	0.026E	0.026	0.097	0.196	0.073	1
2	0.057	0.055B	0.181	0.413	0.121	0.066	0.062	0.025E	0.023	0.102	0.175	0.134	2
3	0.057	0.155B	0.150	1.08	0.108	0.057	0.054	0.024E	0.023	0.401	0.158	0.350	3
4	0.051	0.130B	0.133	0.737	0.098	0.053	0.050	0.024E	0.022	0.241A	0.131	0.392	4
5	0.045	0.090B	0.116	1.21	0.094	0.052	0.047	0.023E	0.020	0.120E	0.123	0.241	5
6	0.042	0.075B	0.108	1.35	0.101	0.051	0.099	0.192E	0.018	0.100E	0.125	0.366	6
7	0.045	0.065B	0.099	0.624	0.125	0.079	0.208	0.160E	0.016	0.170E	0.155	0.541	7
8	0.043B	0.060B	0.096	0.506	0.107	0.060	0.088	0.130E	0.014	0.240E	0.204	0.430	8
9	0.041B	0.055B	0.093	0.661	0.091	0.062	0.062	0.090E	0.034	0.190E	0.140	0.311	9
10	0.039B	0.053B	0.091	0.803	0.079	0.091	0.054	0.062E	0.036	0.140E	0.115	0.246	10
11	0.037B	0.065B	0.082	0.507	0.073	0.064	0.046	0.050E	0.025	0.120E	0.098	0.216	11
12	0.036B	0.552	0.079	0.365	0.083	0.065	0.042	0.042A	0.024	0.107E	0.093	0.184	12
13	0.034	0.480B	0.076	0.263	0.332	0.084	0.037	0.036	0.020	0.100E	0.078	0.138	13
14	0.033B	0.330B	0.071	0.216	0.220	0.075	0.039	0.030	0.033	0.095E	0.076	0.120	14
15	0.031B	0.230B	0.068	0.286	0.150	0.062	0.043	0.029	0.050	0.091E	0.077	0.116	15
16	0.030B	0.195B	0.071	0.165	0.150	0.060	0.034	0.225	0.030	0.086E	0.069	0.124	16
17	0.029B	0.180B	0.068	0.146	0.387	0.064	0.029	0.194	0.024	0.082E	0.160	0.125	17
18	0.028B	0.173	0.065	0.174	0.267	0.045	0.077	0.122	0.020	0.079E	0.237	0.098	18
19	0.027B	0.178	0.065	0.201	0.180	0.035	0.177	0.086	0.094	0.343A	0.216	0.095	19
20	0.027B	0.263	0.065	0.152	0.151	0.032	0.071	0.069	0.332	0.229	0.148	0.087B	20
21	0.026B	0.411	0.065	0.127	0.130	0.208	0.126	0.062	0.102	0.128	0.306	0.082B	21
22	0.026B	0.510B	0.065	0.105	0.111	0.125	0.104	0.052	0.101	0.104	0.250	0.076B	22
23	0.025B	0.560B	0.062	0.093	0.100	0.345	0.055	0.066	0.328	0.117	0.173	0.071B	23
24	0.025B	0.416	0.065	0.100	0.092	0.154	0.046A	0.070	0.219	0.397	0.144	0.065b	24
25	0.025B	0.292	0.061	0.103	0.082	0.125	0.027E	0.053	0.439	0.254	0.129	0.061B	25
26	0.025B	0.246	0.054	0.104	0.102	0.197	0.035E	0.042	0.224	0.188	0.111	0.057B	26
27	0.025B	0.300	0.065	0.098	0.091	0.147	0.068E	0.035	0.155	0.228	0.101	0.055B	27
28	0.025B	0.266	0.060	0.088	0.082	0.098	0.046E	0.036	0.151	0.576	0.095	0.052B	28
29	0.024B		0.068	0.153	0.080	0.080	0.034A	0.032	0.128	0.564	0.091	0.050B	29
30	0.024B		0.125	0.252	0.088	0.070	0.030E	0.029	0.109	0.330	0.080	0.047B	30
31	0.024B		0.281		0.106		0.028E	0.027		0.247		0.045B	31
TOTAL	1.063	6.410	2.972	11.330	4.130	2.803	1.979	2.143	2.840	6.266	4.254	5.048	TOTAL
MEAN	0.034	0.229	0.096	0.378	0.133	0.093	0.064	0.069	0.095	0.202	0.142	0.163	MEAN
MAX	0.057	0.560	0.281	1.35	0.387	0.345	0.208	0.225	0.439	0.576	0.306	0.541	MAX
MIN	0.024	0.025	0.054	0.088	0.073	0.032	0.027	0.023	0.014	0.079	0.069	0.045	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.140
MAXIMUM DAILY, 1.35 ON APR 6
MINIMUM DAILY, 0.014 ON SEP 8
MAXIMUM INSTANTANEOUS,
2.17 AT 01:56 AST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 16 36 N
LONG 67 01 17 W
DRAINAGE AREA, 3.89 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	91.8	JUL	171
FEB	554	AUG	185
MAR	257	SEP	245
APR	979	OCT	541
MAY	351	NOV	368
JUN	242	DEC	436

TOTAL DISCHARGE, 4 430 dam³

NASHWAAK RIVER AT DUPHAM BRIDGE - STATION NO. 01AL002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.7 B	6.75B	56.5B	58.1	95.5	44.4	21.1	7.00	7.23	32.1	70.2	28.6	1
2	9.90B	9.00B	52.0B	83.6	77.8	33.2	19.2	6.33	6.93	30.5	63.1	38.1	2
3	9.40B	15.0 B	47.6B	188	70.5	27.5	18.0	5.88	6.53	73.1	55.6	91.2	3
4	8.80B	23.0 B	44.0	169	63.1	24.6	17.2	5.62	6.34	75.0	48.6	114	4
5	8.20B	35.7 B	40.9	186	58.2	23.2	15.8	5.57	6.22	56.4	44.0	97.8	5
6	7.70B	70.0 B	37.6	289	58.4	22.3	16.6	19.1	6.03	45.0	42.1	91.0	6
7	7.30B	52.5 B	35.7	232	71.8	27.1	21.3	60.9	5.73	56.7	49.8	125	7
8	9.60B	45.0 B	33.0	172	61.2	31.4	20.3	34.5	5.18	98.9	61.9	120	8
9	9.30B	38.5 B	31.8	186	48.8	25.7	16.2	22.1	6.33	80.1	52.1	91.7	9
10	9.10B	34.2 B	30.0	279	42.9	34.8	13.8	16.5	10.4	61.2	42.5	76.2	10
11	8.90B	31.0 B	28.4	236	38.7	30.5	12.2	13.4	8.92	50.6	37.5	69.3	11
12	8.70B	45.0 B	26.6	175	37.1	24.8	11.6	11.8	7.61	43.8	35.6	59.6	12
13	8.50B	64.0 B	25.0B	134	82.1	28.7	11.0	10.7	7.06	40.8A	31.3	49.3	13
14	8.30B	92.0 B	23.6B	112	98.9	26.9	10.3	9.37	6.91	37.1E	31.3	41.8	14
15	8.20B	74.0 B	22.3	124	71.3	24.1	10.8	8.27	8.55	34.0E	29.9	41.5	15
16	8.00B	58.0 B	22.3	98.3	58.7	22.2	10.5	24.3	8.81	31.4A	29.3	49.3	16
17	7.95B	49.0 B	23.4	85.0	74.6	23.1	9.32	52.3	7.34	30.0E	36.5	54.3	17
18	7.80B	43.0 B	25.5B	83.1	81.3	20.9	8.64	36.9	6.36	28.5E	59.9	41.3	18
19	7.70B	38.2 B	31.3	96.9	61.9	17.5	14.0	25.8	7.62	27.5A	82.8	35.7B	19
20	7.60B	37.6 B	27.7	87.7	52.5	16.1	12.5	18.9	58.8	36.0E	65.3	31.0B	20
21	7.55B	44.5 B	22.3	76.0	46.6	33.4	13.3	14.8	45.7	42.0E	99.5	28.9	21
22	7.47B	58.0 B	21.8	65.7	42.1	41.2	18.1	12.4	27.0	36.0E	108	26.0B	22
23	7.35B	100 B	20.7	61.4	38.6	74.3	13.1	11.5	71.4	33.0A	80.6	24.5B	23
24	7.30B	90.0 B	20.7	64.5	35.4	54.1	10.0	13.8	68.4	54.0E	64.3	23.0B	24
25	7.20B	81.0 B	20.3	64.3	31.4	36.6	8.84	14.6	117	88.5E	54.5	21.8B	25
26	7.15B	73.5 B	19.7	61.7	31.1	47.3	7.79	11.7	87.3	68.0A	48.6	20.2B	26
27	7.10B	66.5 B	20.5	62.9	31.2	53.9	8.30	10.3	56.5	90.0A	42.4	18.8B	27
28	7.00B	60.0 B	20.3	62.9	31.2	36.1	11.0	9.89	49.0	114	40.7	17.8B	28
29	6.95B		21.3	67.0	30.0	28.2	9.69	9.32	43.9	166	37.6	17.0B	29
30	6.85B		27.7	114	33.3	24.2	8.91	8.26	37.0	110	31.8	16.2B	30
31	6.80B		46.4		39.3		8.70	7.49		82.5		15.3B	31
TOTAL	250.37	1 434.95	926.9	3 775.1	1 695.5	958.3	408.09	519.30	798.10	1 852.7	1 577.3	1 576.2	TOTAL
MEAN	8.08	51.2	29.9	126	54.7	31.9	13.2	16.8	26.6	59.8	52.6	50.8	MEAN
MAX	10.7	100	56.5	289	98.9	74.3	21.3	60.9	117	166	108	125	MAX
MIN	6.80	6.75	19.7	58.1	30.0	16.1	7.79	5.57	5..	27.5	29.3	15.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 41.2
MAXIMUM DAILY, 289 ON APR 6
MINIMUM DAILY, 5.18 ON SEP 8
MAXIMUM INSTANTANEOUS,
313 AT 14:48 AST ON APR 6

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 07 33 N
LONG 66 36 44 W
DRAINAGE AREA, 1 450 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	21 600	JUL	35 300
FEB	124 000	AUG	44 900
MAR	80 100	SEP	69 000
APR	326 000	OCT	160 000
MAY	146 000	NOV	136 000
JUN	82 800	DEC	136 000

TOTAL DISCHARGE, 1 360 000 dam³

NEPISIGUIT RIVER AT NEPISIGUIT FALLS - STATION NO. 01BK003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.0	13.2	72.5	49.8	130	64.3	36.8	15.6	16.4	26.3	68.0	26.1	1
2	21.8	13.7	63.4	57.5	131	57.2	34.0	15.3	12.9	27.3	65.1	34.8	2
3	21.8	19.7	50.7	61.7	132	52.7	33.1	14.2	15.6	46.2	65.4	81.0	3
4	19.4	29.2	41.6	89.8	132	52.7	31.4	15.3	14.6	48.1	62.9	83.5	4
5	19.3	44.5	45.9	132	133	49.0	34.8	15.6	13.5	46.2	52.1	67.4	5
6	19.4	30.3	45.3	171	174	46.4	37.1	19.0	12.9	43.9	60.3	97.7	6
7	18.3	29.4	43.9	156	247	47.6	34.8	28.6	11.6	53.8	75.3	163	7
8	18.8	26.1	43.3	141	168	46.7	32.3	27.2	11.4	129	109	148	8
9	18.1	26.5	37.9	144	166	43.9	30.0	22.9	12.7	129	82.1	129	9
10	17.0	23.4	38.2	185	165	62.3	29.4	19.3	12.7	106	64.6	119	10
11	17.8	21.8	39.1	191	165	79.0	28.6	18.7	12.7	81.8	61.4	101	11
12	18.0	28.6	35.1	157	147	55.2	26.9	15.9	13.5	74.2	60.9	89.5	12
13	17.7	50.7	36.5	138	191	48.1	26.6	17.0	12.7	73.1	60.0	73.1	13
14	17.1	49.3	32.6	119	247	45.3	28.3	16.4	12.5	71.4	60.0	75.3	14
15	16.8	46.7	29.2	134	173	44.5	29.4	14.7	12.0	62.6	55.5	77.0	15
16	16.4	46.2	27.8	91.5	155	42.2	27.8	21.2	11.3	51.8	46.7	66.8	16
17	17.1	43.9	26.6	85.0	172	44.2	24.6	28.0	10.8	54.9	45.3	63.1	17
18	16.7	43.9	41.1	82.1	156	46.4	24.1	50.4	10.3	55.5	45.0	61.2	18
19	16.4	45.3	56.9	78.2	150	39.6	22.9	38.2	13.9	54.1	46.4	60.3	19
20	13.9	46.2	56.4	73.1	121	36.2	24.5	26.9	47.6	51.0	42.5	54.4	20
21	12.9	54.7	47.0	77.0	109	37.9	20.1	23.8	39.6	45.3	57.8	49.0	21
22	15.3	59.7	45.0	82.7	104	37.1	21.0	23.5	32.3	42.5	73.3	50.7	22
23	14.4	71.4	44.7	78.7	101	52.4	19.8	22.4	25.2	44.5	67.7	41.6	23
24	14.3	73.9	41.1	76.7	98.8	46.4	18.1	20.7	25.8	83.3	68.0	48.5	24
25	13.8	90.0	40.2	73.9	89.2	39.6	18.1	19.8	23.4	83.8	57.8	39.9	25
26	14.4	85.0	32.8	75.0	88.3	53.2	17.6	18.1	21.8	79.3	49.6	30.0	26
27	11.8	91.5	33.7	75.9	71.4	58.7	18.1	18.3	19.5	71.9	41.3	25.8	27
28	13.6	79.0	29.4	77.3	58.6	43.3	19.3	16.7	18.7	91.7	41.3	29.7	28
29	13.9		29.4	91.2	71.6	39.1	17.0	16.1	21.8	101	37.4	32.3	29
30	13.6		33.1	131	63.4	37.1	16.6	17.6	26.2	76.7	29.7	33.1	30
31	13.0		43.6		64.0		16.8	16.7		70.5		22.4	31
TOTAL	513.8	1 283.8	1 284.0	3 176.1	4 174.3	1 444.3	799.9	654.1	545.9	2 076.7	1 752.4	2 070.2	TOTAL
MEAN	16.6	45.9	41.4	106	135	48.1	25.8	21.1	18.2	67.0	58.4	66.8	MEAN
MAX	21.8	91.5	72.5	191	247	79.0	37.1	50.4	47.6	129	109	163	MAX
MIN	11.8	13.2	26.6	49.8	58.6	36.2	16.6	14.2	10.3	26.3	29.7	22.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 54.2
MAXIMUM DAILY, 247 ON MAY 7
MINIMUM DAILY, 10.3 ON SEP 18

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 47 24 24 N
LONG 65 47 42 W
DRAINAGE AREA, 1 840 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	44 400	JUL	69 100
FEB	111 000	AUG	56 500
MAR	111 000	SEP	47 200
APR	274 000	OCT	179 000
MAY	361 000	NOV	151 000
JUN	125 000	DEC	179 000

TOTAL DISCHARGE, 1 710 000 dam³

DATA CONTRIBUTED BY -
CONSOLIDATED-BATHURST COMPANY LIMITED

REGULATED

NEREPIS RIVER NEAR FOWLERS CORNER - STATION NO. 01AP006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.90 B	0.920B	11.9	29.7	7.21	16.8	2.73	0.787	1.12	3.13	7.68	3.00B	1
2	1.65 B	0.880B	10.1	53.3	5.44	8.52	2.40	0.623	1.05	3.04	7.10	20.0	2
3	1.50 B	2.20 B	8.56	92.5	4.54	6.13	2.15	0.532	0.968	9.15	6.08	51.9	3
4	1.30 B	37.0 B	7.32	41.2	4.12	4.97	1.99	0.481	0.907	6.94	4.98	32.2	4
5	1.20 B	25.0 B	6.26	38.4	3.92	4.29	2.04	0.463	0.847	4.55	4.38	15.4	5
6	1.12 B	19.0 B	6.11	59.0	3.96	9.70	3.83	33.4	0.803	3.53	5.42	32.2	6
7	1.19 B	17.0 B	6.05	36.4	27.0	34.6	5.85	32.7	0.738	8.85	10.4	26.2	7
8	3.50 B	15.0 B	5.37	21.8	12.5	12.9	3.16	11.2	0.662	9.93	8.05	26.3	8
9	3.05 B	14.0 B	5.13	19.2	7.74	9.24	2.31	6.51	0.973	6.21	6.16	15.5	9
10	2.85 B	13.2 B	4.91	27.4	6.02	15.9	1.91	4.27	1.83	4.81	4.89	11.5	10
11	2.70 B	13.0 B	4.79	17.8	5.17	7.89	1.91	3.35	1.16	3.89	4.23	7.80B	11
12	2.55 B	15.0 B	4.53	13.4	4.81	6.05	2.12	2.66	0.943	3.44	4.00	6.20B	12
13	2.40 B	70.0 B	4.34	10.4	18.8	5.41	1.76 A	2.20	0.869	3.14	3.36	5.40B	13
14	2.25 B	42.0 B	3.80B	8.82	15.1	4.42	2.10 E	1.88	0.780	2.87	3.44	4.60B	14
15	2.10 B	28.0 B	3.60B	13.1	9.09	3.68	2.80 E	1.60	0.729	2.70	3.31	4.10B	15
16	2.05 B	14.7	3.40B	8.73	7.27	4.14	2.20 E	79.8	0.746	2.55	3.44	29.7	16
17	1.95 B	11.8	3.25B	7.56	11.4	7.17	1.80 E	46.3	0.761	2.24A	13.7	29.9	17
18	1.88 B	18.5 B	6.11	8.33	11.9	4.47	1.55 E	15.4	0.631	2.09	24.2	12.4	18
19	1.80 B	17.8 B	6.83	11.2	8.36	3.11	1.30 E	8.88	0.700	5.01	25.5	9.57	19
20	1.68 B	22.0 B	5.19	7.75	6.41	2.59	1.10 E	5.89	7.50	5.41	13.7	7.40	20
21	1.60 B	25.0 B	4.57	8.09	5.27	11.8	1.02 A	4.27	3.22	3.48	43.3	5.56	21
22	1.52 B	30.0 B	4.35	7.38	4.44	8.79	2.60 E	3.40	1.99	2.87	22.9	4.80B	22
23	1.45 B	21.7	4.73	6.08	3.93	17.0	8.00 A	2.75	3.17	2.62	12.9	4.20B	23
24	1.37 B	16.6	5.79	5.59	5.67	6.89	1.25 A	3.05	12.7	33.0	9.06	3.80B	24
25	1.30 B	14.6	6.54	7.73	4.51	5.19	1.00 E	4.14	32.8	16.6	7.19	3.60B	25
26	1.25 B	13.4	6.20	8.09	3.86	19.6	0.880E	2.51	9.81	13.0	6.37	3.40B	26
27	1.20 B	14.4	8.09	6.12	5.75	12.3	1.20 E	1.96	5.55	26.7	5.17	3.20B	27
28	1.12 B	13.2	8.41	5.08	17.3	6.19	1.52 E	1.81	4.67	37.9	5.26	3.00B	28
29	1.08 B		10.7	4.93	7.76	4.08	1.20 E	1.61	6.27	26.3	5.05	2.95B	29
30	1.02 B		25.2	9.65	11.1	3.23	1.09 A	1.36	4.13	13.3	3.30B	2.85B	30
31	0.980B		42.5		13.8		0.976	1.26		9.54		2.80B	31
TOTAL	54.510	545.900	244.63	594.73	264.15	267.05	67.746	287.046	109.027	278.79	284.52	391.43	TOTAL
MEAN	1.76	19.5	7.89	19.8	8.52	8.90	2.19	9.26	3.63	8.99	9.48	12.6	MEAN
MAX	3.50	70.0	42.5	92.5	27.0	34.6	8.00	79.8	32.8	37.9	43.3	51.9	MAX
MIN	0.980	0.880	3.25	4.93	3.86	2.59	0.880	0.463	0.631	2.09	3.30	2.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.29
MAXIMUM DAILY, 92.5 ON APR 3
MINIMUM DAILY, 0.463 ON AUG 5
MAXIMUM INSTANTANEOUS,
140 AT 02:30 AST ON APR 3

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 30 08 N
LONG 66 19 14 W
DRAINAGE AREA, 293 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 710	JUL	5 850
FEB	47 200	AUG	24 800
MAR	21 100	SEP	9 420
APR	51 400	OCT	24 100
MAY	22 800	NOV	24 600
JUN	23 100	DEC	33 800

TOTAL DISCHARGE, 293 000 dam³

NORTH NASHWAAKSIS STREAM AT SANDWITH'S FARM - STATION NO. 01AK006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.031	0.013	0.216	0.225	0.128	0.109	0.056	0.013	0.015	0.099	0.126	0.071	1
2	0.026	0.025	0.164	0.347	0.104	0.075	0.050	0.012	0.014	0.105	0.119	0.190	2
3	0.025	0.068	0.131	1.01	0.090	0.054	0.043	0.011	0.013	0.293	0.105	0.515	3
4	0.021	0.080	0.118	0.735	0.085	0.047	0.039	0.011	0.013	0.165	0.092	0.473	4
5	0.019	0.081	0.105	0.776	0.079	0.052	0.032	0.010	0.012	0.122	0.087	0.237	5
6	0.018	0.087	0.097	1.05	0.087	0.052	0.030	0.296A	0.010	0.105	0.094	0.329	6
7	0.021	0.096	0.092	0.681	0.120	0.075	0.032	0.464	0.010	0.236	0.126	0.393	7
8	0.035	0.108	0.087	0.536	0.089	0.090	0.032	0.144	0.009	0.337	0.117	0.290	8
9	0.024	0.111	0.081	0.652	0.073	0.075	0.029	0.100	0.021	0.184	0.097	0.195	9
10	0.020	0.110	0.076	0.849	0.063	0.092	0.024	0.083	0.021	0.130	0.083	0.148	10
11	0.025	0.100	0.073	0.576	0.059	0.094	0.020	0.072	0.013	0.116	0.077	0.147	11
12	0.020	0.102	0.065	0.424	0.059	0.086	0.019	0.067	0.010	0.106	0.075	0.122	12
13	0.018	0.320A	0.061	0.294	0.391	0.090	0.017	0.062	0.009	0.096	0.072	0.103	13
14	0.022	0.477	0.061	0.242	0.233	0.091	0.017	0.052	0.012	0.087	0.063	0.099	14
15	0.018	0.348	0.060	0.284	0.121	0.080	0.016	0.045	0.018	0.080	0.064	0.090	15
16	0.016	0.232	0.055	0.180	0.106	0.073	0.015	0.326	0.014	0.075	0.066	0.150B	16
17	0.015	0.136	0.052	0.138	0.131	0.073	0.015	0.308	0.012	0.070	0.103	0.180B	17
18	0.015	0.124	0.061	0.161	0.129	0.069	0.014	0.138	0.009	0.062	0.199	0.119	18
19	0.015	0.117	0.049	0.194	0.103	0.054	0.014	0.098	0.036	0.117	0.262	0.104	19
20	0.014	0.114	0.044	0.134	0.090	0.045	0.013	0.079	0.161	0.124	0.139	0.097	20
21	0.014	0.125	0.042	0.123	0.081	0.051	0.014	0.067	0.080	0.088	0.464	0.084	21
22	0.014	0.273	0.040	0.107	0.072	0.061	0.024	0.059	0.077	0.073	0.293	0.082	22
23	0.015	0.300	0.046	0.100	0.064	0.072	0.026	0.058	0.230	0.070	0.165	0.077	23
24	0.015	0.267	0.056	0.100	0.058	0.079	0.023	0.063	0.284	0.196	0.131	0.072B	24
25	0.014	0.235	0.056	0.106	0.050	0.077	0.020	0.050	0.897	0.141	0.118	0.071	25
26	0.014	0.217	0.053	0.098	0.050	0.080	0.017	0.038	0.325	0.109	0.106	0.063	26
27	0.013	0.191	0.062	0.096	0.053	0.083	0.015	0.032	0.186	0.183	0.096	0.055	27
28	0.014	0.243	0.056	0.081	0.073	0.080	0.015	0.030	0.164	0.475	0.095	0.053	28
29	0.014		0.066	0.143	0.066	0.069	0.015	0.023	0.130	0.391	0.083	0.051B	29
30	0.014		0.103	0.268	0.072	0.062	0.014	0.019	0.111	0.192	0.081	0.049B	30
31	0.013		0.135		0.092		0.014	0.016		0.139		0.047	31
TOTAL	0.572	4.700	2.463	10.709	3.071	2.190	0.724	2.846	2.916	4.766	3.798	4.756	TOTAL
MEAN	0.018	0.168	0.079	0.357	0.099	0.073	0.023	0.092	0.097	0.154	0.127	0.153	MEAN
MAX	0.035	0.477	0.216	1.05	0.391	0.109	0.056	0.464	0.897	0.475	0.464	0.515	MAX
MIN	0.013	0.013	0.040	0.081	0.050	0.045	0.013	0.010	0.009	0.062	0.063	0.047	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.119
MAXIMUM DAILY, 1.05 ON APR 6
MINIMUM DAILY, 0.009 ON SEP 8
MAXIMUM INSTANTANEOUS,
1.36 AT 03:00 AST ON SEP 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 04 58 N
LONG 66 44 04 W
DRAINAGE AREA, 5.70 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	49.4	JUL	62.6
FEB	406	AUG	246
MAR	213	SEP	252
APR	925	OCT	412
MAY	265	NOV	328
JUN	189	DEC	411

TOTAL DISCHARGE, 3 760 dam³

NEW BRUNSWICK

NORTH NASHWAAKSIS STREAM NEAR ROYAL ROAD - STATION NO. 01AK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.150B	0.070B	1.13	1.68	1.02	1.01	0.200	0.065E	0.066	0.580	0.797	0.390B	1
2	0.140B	0.120B	0.901	3.08	0.733	0.608	0.183	0.062E	0.059	0.567	0.695	1.50 B	2
3	0.125B	0.540B	0.853	5.28	0.599	0.443	0.173	0.058E	0.048	1.61	0.594	3.31	3
4	0.115B	1.02 B	0.688	4.00	0.529	0.373	0.168	0.054E	0.047	1.16	0.504	3.03	4
5	0.110B	0.980B	0.651	4.02	0.482	0.334	0.145	0.050E	0.061	0.801	0.442	1.61	5
6	0.100B	0.900B	0.550	5.50	0.529	0.290	0.136	1.30 E	0.058	0.605	0.504	2.03	6
7	0.100B	0.800B	0.511	3.45	0.820	0.581	0.202	2.65	0.050	1.24	0.753	2.12	7
8	0.130B	0.750B	0.468	2.76	0.590	0.487	0.140E	1.15	0.043	1.75	0.767	1.68	8
9	0.170B	0.710B	0.435	3.26	0.458	0.613	0.115E	0.669	0.158	1.12	0.606	1.22	9
10	0.135B	0.700B	0.418	4.31	0.390	1.01	0.100E	0.476	0.185	0.798	0.485	1.01	10
11	0.125B	0.740B	0.394	2.72	0.356	0.598	0.096E	0.368	0.080	0.634	0.437	0.981	11
12	0.115B	1.00 B	0.371	2.00	0.353	0.557	0.090E	0.292	0.061	0.543	0.398	0.792	12
13	0.112B	2.50 B	0.353	1.46	2.29	0.683	0.085E	0.253	0.051	0.467	0.350B	0.660B	13
14	0.1123	3.40 B	0.330B	1.23	1.63	0.557	0.081E	0.198	0.067	0.411	0.331	0.550B	14
15	0.110B	2.80 B	0.310B	1.40	0.954	0.480	0.078E	0.139	0.131	0.353	0.336	0.520B	15
16	0.100B	2.30 B	0.300B	1.01	0.790	0.562	0.075E	1.61	0.087	0.319	0.359	0.800B	16
17	0.098B	2.00 B	0.294	0.844	1.19	0.633	0.074E	1.71	0.063	0.302	0.626	0.350B	17
18	0.095B	1.86	0.330	0.923	0.982	0.474	0.071E	0.914	0.039	0.267	1.30	0.700B	18
19	0.093B	1.97	0.290	1.08	0.725	0.359	0.069E	0.559	0.248	0.641	1.72	0.580B	19
20	0.090B	1.98	0.267	0.869	0.599	0.303	0.068E	0.372	1.36	0.807	1.09	0.500B	20
21	0.086B	2.00	0.254	0.750	0.499	1.07	0.070E	0.279	0.629	0.529	2.93	0.460B	21
22	0.084B	1.89	0.243	0.635	0.425	0.724	0.100E	0.210	0.522	0.422	1.87	0.420B	22
23	0.081B	1.80	0.260B	0.578	0.375	1.07	0.140E	0.243	1.59	0.382	1.13	0.380B	23
24	0.080B	1.54	0.290B	0.587	0.332	0.499	0.110E	0.264	2.02	1.30	0.824	0.350B	24
25	0.078B	1.36	0.320B	0.658	0.286	0.425	0.110E	0.203	5.32	1.05	0.683	0.330B	25
26	0.076B	1.18	0.330B	0.626	0.275	0.738	0.095E	0.145	1.96	0.787	0.599	0.310B	26
27	0.074B	1.31	0.350B	0.574	0.350	0.562	0.080E	0.124	1.16	1.42	0.500B	0.280B	27
28	0.072B	1.33	0.340B	0.518	0.509	0.353	0.075E	0.131	1.10	3.22	0.460B	0.260B	28
29	0.072B		0.400B	1.23	0.359	0.272	0.072E	0.098	0.853	2.45	0.420B	0.250B	29
30	0.071B		0.873	1.86	0.775	0.228	0.068E	0.081	0.690	1.32	0.400B	0.240B	30
31	0.070B		1.64		1.06		0.067E	0.071		0.945		0.225B	31
TOTAL	3.169	39.550	15.144	58.892	21.264	16.896	3.336	14.794	18.806	28.760	22.910	28.438	TOTAL
MEAN	0.102	1.41	0.489	1.96	0.686	0.563	0.108	0.477	0.627	0.928	0.764	0.917	MEAN
MAX	0.170	3.40	1.64	5.50	2.29	1.07	0.202	2.65	5.32	3.22	2.93	3.31	MAX
MIN	0.070	0.070	0.243	0.518	0.275	0.228	0.067	0.050	0.039	0.267	0.331	0.225	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.745
MAXIMUM DAILY, 5.50 ON APR 6
MINIMUM DAILY, 0.039 ON SEP 18
MAXIMUM INSTANTANEOUS,
7.39 AT 03:03 AST ON SEP 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 02 06 N
LONG 66 42 05 W
DRAINAGE AREA, 26.9 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	274	JUL	288
FEB	3 420	AUG	1 280
MAR	1 310	SEP	1 620
APR	5 090	OCT	2 480
MAY	1 840	NOV	1 980
JUN	1 460	DEC	2 460

TOTAL DISCHARGE, 23 500 dam³

NORTHWEST MIRAMICHI RIVER AT TROUT BROOK - STATION NO. 01BQ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.30B	4.50B	23.0B	26.0B	79.4	39.3	12.8	5.01	5.65	13.7	31.3	16.0 E	1
2	6.10B	6.40B	22.0B	56.0B	71.6	31.3	11.3	4.38	5.29	12.7	28.8	31.0 E	2
3	5.95B	13.0 B	21.0B	84.0B	68.5	24.7	10.4	4.19	5.06	30.1	26.5	46.0 E	3
4	5.75B	16.0 B	20.0B	125 B	64.0	21.6	9.63	4.53	4.92	39.1	23.7	66.0 E	4
5	5.65B	18.5 B	19.2B	150 B	63.9	20.3	9.51	5.32	4.78	28.7	21.5	52.0 E	5
6	5.55B	19.0 B	18.2B	160 B	68.7	18.0	11.1	6.33	4.65	21.9	20.5	48.0 E	6
7	5.55B	18.0 B	18.0B	120 B	123	17.9	11.9	23.6	4.47	26.3	23.9	100 E	7
8	5.60B	16.2 B	17.2B	108 B	109	18.7	10.1	24.9	4.29	94.4	36.6	82.0 E	8
9	6.20B	15.2 B	16.5B	99.8	79.2	16.0	8.78	17.9	4.98	92.8	38.4	66.0 E	9
10	6.80B	14.4 B	15.8B	144	66.0	26.3	8.51	13.9	8.77	74.6	30.1	54.0 E	10
11	6.20B	13.0 B	15.0B	141	58.1	40.0	8.39	12.1	8.02	54.3	25.5	44.0 E	11
12	5.90B	15.0 B	14.4B	111	51.7	31.6	8.94	9.69	7.42	41.2	23.0	38.0 E	12
13	5.78B	31.5 B	13.9B	84.3	60.2	25.2	9.30	7.88	6.70	34.0	20.0	32.0 E	13
14	5.45B	31.0 B	13.5B	72.1	90.5	21.1	9.59	6.85	6.06	29.6	19.4	29.0 E	14
15	5.30B	30.0 B	13.2B	70.0	67.6	19.5	16.9	6.09	5.57	26.0	18.5	28.0 E	15
16	5.25B	27.0 B	13.0B	57.4	54.7	18.8	16.5	9.07	5.22	23.0	17.5	26.0 E	16
17	5.10B	25.5 B	16.0B	49.7	68.7	18.7	11.5	22.2	4.78	20.9	17.5	28.8 A	17
18	5.00B	24.0 B	19.0B	48.3	104	16.9	9.03	49.5	4.46	19.3	20.3	22.1	18
19	5.00B	23.2 B	20.5B	47.2	74.9	14.3	8.10	39.0	4.85	21.0	29.1	20.0 B	19
20	4.90B	22.8 B	20.7B	44.6	55.7	12.8	7.72	23.3	46.7	25.2	26.9A	18.8 B	20
21	4.80B	23.0 B	19.0B	41.3	45.6	13.2	7.44	16.4	42.4	21.8	44.0E	17.0 B	21
22	4.78B	25.0 B	16.8B	39.8	39.1	14.1	7.86	13.0	24.8	19.8	57.0E	15.8 B	22
23	4.75B	27.3 B	15.2B	34.9	33.5	29.2	7.07	10.8	19.2	21.0	42.0E	14.4 B	23
24	4.67B	29.0 B	14.2B	36.2	29.6	27.6	6.05	9.64	18.5	46.1	34.0E	13.4 B	24
25	4.60B	28.5 B	13.1B	36.6	27.4	19.4	5.56	9.26	18.3	61.8	29.0E	12.4 B	25
26	4.58B	27.8 B	12.4B	36.9	26.3	23.6	5.07	8.64	15.1	42.7	24.0E	11.4 B	26
27	4.50B	26.5 B	11.9B	43.6	26.1	27.1	5.75	7.89	12.5	35.9	22.0E	10.5 B	27
28	4.50B	25.5 B	11.9B	48.0	26.9	19.8	7.42	7.49	12.9	45.3	19.0E	9.80B	28
29	4.45B		12.0B	53.5	46.0	15.8	6.31	6.77	13.8	58.2	18.0E	9.20B	29
30	4.42B		13.0B	82.3	38.3	13.4	5.45	6.35	14.8	45.2	17.0E	8.80B	30
31	4.43B		16.5B		33.4		5.35	6.09		36.1		8.30B	31
TOTAL	163.81	596.80	506.1	2 248.5	1 851.6	656.2	278.93	398.07	384.94	1 162.7	805.0	978.70	TOTAL
MEAN	5.28	21.3	16.3	75.0	59.7	21.9	9.00	12.8	11.5	37.5	26.8	31.6	MEAN
MAX	6.80	31.5	23.0	160	123	40.0	16.9	49.5	46.7	94.4	57.0	100	MAX
MIN	4.42	4.50	11.9	26.0	26.1	12.8	5.07	4.19	4.29	12.7	17.0	8.30	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27.4
MAXIMUM DAILY, 160B ON APR 6
MINIMUM DAILY, 4.19 ON AUG 3
MAXIMUM INSTANTANEOUS,
166 AT 23:30 AST ON APR 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 05 41 N
LONG 65 50 14 W
DRAINAGE AREA, 948 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	14 200	JUL	24 100
FEB	51 600	AUG	34 400
MAR	43 700	SEP	29 800
APR	194 000	OCT	100 000
MAY	160 000	NOV	69 600
JUN	56 700	DEC	84 600

TOTAL DISCHARGE, 863 000 dam³

NORTHWEST ORONOCTO RIVER AT TRACY - STATION NO. 01AM001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.80B	2.82B	35.0 B	45.2	19.1	28.4	6.14	2.54	2.64	9.29	21.9	8.00B	1
2	4.55B	3.80B	30.0 B	66.8	15.0	18.9	5.18	2.34	2.52	7.99	18.9	14.9	2
3	4.30B	14.0 B	26.5 B	116	12.1	12.7	4.62	2.17	2.28	16.8	14.9	58.9	3
4	4.05B	13.5 B	23.5 B	91.3	10.4	9.90	4.20	2.05	2.22	18.6	13.0	71.6	4
5	3.80B	13.0 B	19.5 B	82.4	9.24	7.99	3.95	1.94	2.22	14.4	11.2	45.3	5
6	3.60B	12.5 B	15.0 B	104	9.01	7.01	3.95	12.8	2.10	11.4	10.7	49.3	6
7	4.20B	12.0 B	12.8 B	78.4	11.8	8.08	5.74	34.1	1.93	11.0	14.7	57.8	7
8	6.60B	11.4 B	11.4	50.9	10.6	8.89	5.79	26.1	1.69	14.0	25.7	46.2	8
9	6.20B	10.9 B	10.3	42.0	8.65	7.98	6.57	16.6	1.98	13.2	21.0	33.2	9
10	5.85B	10.4 B	9.44	44.8	7.62	13.2	5.64	10.5	2.71	11.6	15.8	25.4	10
11	5.60B	10.1 B	9.04	37.7	6.83	10.3	4.83	7.82	2.36	9.71	12.7	23.5	11
12	5.35B	24.0 B	8.71	29.9	6.19	7.72	4.48	6.17	2.09	8.15	11.7	20.2	12
13	5.10B	37.0 B	8.13	24.2	24.1	6.69	3.78	5.32	2.04	7.16	10.3	16.2	13
14	4.90B	33.5 B	8.03	20.8	33.5	6.04	14.3	4.61	1.89	6.55	9.19	13.3	14
15	4.70B	30.0 B	7.50B	24.6	22.3	5.32	19.0	3.97	1.72	5.99	8.69	11.4	15
16	4.55B	27.0 B	7.25B	22.2	15.9	5.27	12.0	51.6	2.03	5.72	8.75	21.7	16
17	4.35B	24.5 B	7.10B	19.0	20.7	6.61	7.70	59.2	1.90	5.56	14.2	36.9	17
18	4.20B	23.0 B	8.50B	17.3	27.0	5.84	6.04	30.0	1.81	5.04	28.9	29.3	18
19	4.05B	22.0 B	15.4	18.9	19.2	4.68	5.11	17.0	2.22	6.60	49.1	21.0 B	19
20	3.90B	26.0 B	13.2	16.9	13.8	4.19	4.70	10.7	28.3	9.88	33.3	15.0 B	20
21	3.70B	33.0 B	11.8	16.2	11.0	18.6	5.00	8.08	22.7	9.19	63.5	13.2 B	21
22	3.55B	40.0 B	9.59	15.1	8.29	21.8	6.80	6.80	14.1	7.82	55.9	11.2 B	22
23	3.45B	50.5 B	8.42	13.1	7.58	28.3	6.10	5.47	15.1	6.94	35.5	10.0 B	23
24	3.30B	56.5 B	8.26	12.3	7.79	20.1	4.92	5.07	31.4	24.4	24.5	9.20B	24
25	3.20B	51.0 B	9.21	13.5	7.18	14.9	4.22	4.69	87.2	32.9	18.5	8.50B	25
26	3.12B	47.5 B	9.48	13.5	6.52	25.4	3.71	4.13	52.9	24.5	15.0	8.00B	26
27	3.05B	42.0 B	10.4	12.3	7.55	21.1	3.58	3.85	28.9	38.3	13.3	7.50B	27
28	2.98B	38.5 B	11.1	10.5	17.9	13.4	3.61	3.50	20.4	83.5	12.0	7.00B	28
29	2.92B		13.8	11.2	13.7	9.33	3.35	3.22	15.4	81.5	10.0 B	6.50B	29
30	2.88B		23.3	21.1	14.2	6.99	3.05	2.96	11.8	47.4	8.90B	6.00B	30
31	2.85B		39.6		21.2		2.73	2.72		29.9		5.80B	31
TOTAL	129.65	718.42	441.26	1 092.1	425.95	365.63	180.79	357.62	368.55	584.99	611.73	712.00	TOTAL
MEAN	4.18	25.7	14.2	36.4	13.7	12.2	5.83	11.5	12.3	18.9	20.4	23.0	MEAN
MAX	6.60	56.5	39.6	116	33.5	28.4	19.0	59.2	87.2	83.5	63.5	71.6	MAX
MIN	2.85	2.82	7.10	10.5	6.19	4.19	2.73	1.94	1.69	5.04	8.69	5.80	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.4
MAXIMUM DAILY, 116 ON APR 3
MINIMUM DAILY, 1.69 ON SEP 8
MAXIMUM INSTANTANEOUS,
125 AT 02:20 AST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 40 25 N
LONG 66 40 58 W
DRAINAGE AREA, 557 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 200	JUL	15 600
FEB	62 100	AUG	30 900
MAR	38 100	SEP	31 800
APR	94 400	OCT	50 500
MAY	36 800	NOV	52 900
JUN	31 600	DEC	61 500

TOTAL DISCHARGE, 517 000 dam³

PALMERS CREEK NEAR DORCHESTER - STATION NO. 01BU004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.262B	0.126B	1.07	2.48	0.926	1.10 E	0.491	0.134	0.069	0.117	1.44	0.538	1
2	0.250B	0.140B	0.962	2.38	0.653	0.950E	0.418	0.111	0.065	0.407	1.33	0.981	2
3	0.240B	2.17 B	0.886	5.32	0.580	0.722A	0.358	0.102	0.062	2.83	1.05	3.37	3
4	0.232B	2.00 B	0.770	3.74	0.527	0.572	0.319	0.096	0.060	0.903	0.856	2.71	4
5	0.222B	1.75 B	0.703	3.89	0.529	0.516	0.292	0.089	0.058	0.488	0.668	1.52	5
6	0.212B	1.52 B	0.665	4.71	0.512	0.443	0.494	0.126	0.058	0.344	1.05	3.06	6
7	0.400B	1.42 B	0.698	3.36	0.937	0.615	0.640	0.452	0.049	1.66	2.44	2.23	7
8	2.15 B	3.20 B	0.581	2.00	0.834	0.717	0.396	0.327	0.048	1.90	1.54	1.59	8
9	1.57 B	3.90 B	0.550	1.65	0.529	0.458A	0.316	0.228	0.054	1.41	1.16	1.32	9
10	1.25 B	3.10 B	0.517	1.60	0.415	1.60 E	0.245	0.159	0.064	1.76	0.913	1.27	10
11	1.00 B	2.82 B	0.509	1.30	0.364	1.20 A	0.213	0.131	0.062	1.76	0.827	1.76	11
12	0.700B	10.0 B	0.500	1.15	0.348	0.876	0.254	0.113	0.058	1.16	0.769	1.75	12
13	0.508B	6.00 B	0.453	0.977	0.524	0.651	0.217	0.107	0.056	0.892	0.631	1.15	13
14	0.400B	4.20 B	0.514	0.837	0.610	0.540	0.495	0.108	0.049	0.688	0.572	0.873	14
15	0.300B	3.30 B	0.872	1.69	0.443A	0.461	1.23	0.093	0.046	0.562	0.535	0.842	15
16	0.268B	2.40 B	0.776	0.991	0.400E	0.442	0.884	0.137	0.049	0.499	0.520	5.69	16
17	0.245B	1.97	1.67	0.811	0.270E	0.474	0.411	0.578	0.047	0.451	3.37	4.40	17
18	0.220B	1.77	2.59	0.896	0.900E	0.380	0.269	1.03	0.045	0.392	5.12	2.03	18
19	0.202B	1.53	1.44	1.35	0.700E	0.277	0.201	0.632	0.040	1.64	4.45	1.54	19
20	0.191B	1.58	1.07	0.928	0.530E	0.237	0.174	0.294	0.068	2.82	2.66	1.27	20
21	0.178B	1.88	0.884	0.827	0.460E	2.19	0.220	0.197	0.077	1.20	9.55	1.10 B	21
22	0.167B	1.97	0.805	0.804	0.420E	1.29	0.387	0.154	0.060	0.877	3.78	0.940B	22
23	0.160B	1.69	0.887	0.691	0.700E	2.88	0.232	0.134	0.646	0.730	2.23	0.840B	23
24	0.164B	1.56	1.04	0.667	5.50 E	1.18	0.168	0.125	0.562	2.72	1.65	0.760B	24
25	0.150B	1.37	0.955	0.681	3.00 E	1.28	0.136	0.117	1.21	2.09	1.33	0.680B	25
26	0.140B	1.36	0.858	0.609	2.50 E	3.72	0.114	0.101	0.502	1.47	1.13	0.620B	26
27	0.160B	1.39	1.03	0.522	1.90 E	1.70	0.186	0.088	0.248	2.82	0.989	0.560B	27
28	0.242B	1.19	0.988	0.467	1.60 E	1.06	0.529	0.096	0.186	6.33	0.891	0.500B	28
29	0.180B		0.942	0.601	1.25 E	0.746	0.256	0.085	0.171	4.85	0.826	0.460B	29
30	0.156B		0.979	1.64	1.15 E	0.591	0.183	0.075	0.143	2.28	0.679	0.430B	30
31	0.136B		3.08		1.40 E		0.163	0.073		1.64		0.410B	31
TOTAL	12.655	67.306	30.244	49.569	31.411	29.868	10.891	5.292	4.912	49.690	54.956	47.194	TOTAL
MEAN	0.408	2.40	0.976	1.65	1.01	0.996	0.351	0.203	0.164	1.60	1.83	1.52	MEAN
MAX	2.15	10.0	3.08	5.32	5.50	3.72	1.23	1.03	1.21	6.33	9.55	5.69	MAX
MIN	0.136	0.126	0.453	0.467	0.270	0.237	0.114	0.073	0.040	0.117	0.520	0.410	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.08
MAXIMUM DAILY, 10.0B ON FEB 12
MINIMUM DAILY, 0.040 ON SEP 19
MAXIMUM INSTANTANEOUS,
16.2 AT 11:15 AST ON NOV 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 53 14 N
LONG 64 30 59 W
DRAINAGE AREA, 34.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 090	JUL	941
FEB	5 820	AUG	544
MAR	2 610	SEP	424
APR	4 280	OCT	4 290
MAY	2 710	NOV	4 750
JUN	2 580	DEC	4 080

TOTAL DISCHARGE, 34 100 dam³

NEW BRUNSWICK

PETITCODIAC RIVER NEAR PETITCODIAC - STATION NO. 01BU002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.50B	1.42B	13.2	28.7	9.05	7.71	4.70	1.24	1.26	1.80	18.0	6.30	1
2	3.12B	1.65B	11.3	37.5	6.67	5.54	3.92	1.11	1.23	1.68	15.1	14.3	2
3	2.93B	7.97B	9.96	70.0	5.54	3.62	3.49	0.940	1.17	7.69	12.0	42.9	3
4	2.75B	6.25B	8.22	65.5	4.91	2.74	2.91	0.882	1.13	7.63	9.38	44.7	4
5	2.67B	5.75B	7.44	73.2	4.74	2.49	2.75	0.838	1.10	5.04	8.10	26.2	5
6	2.56B	5.36B	6.82	89.5	4.73	2.46	3.09	1.01	1.08	3.52	8.15	35.1	6
7	5.10B	5.00B	6.67	76.0	8.54	7.39	3.55	1.75	0.963	8.61	16.0	37.4	7
8	4.59B	4.82B	6.12	40.9	10.1	11.1	2.88	1.61	0.920	14.3	13.8	31.3	8
9	4.21B	20.1 B	5.71	29.4	6.53	11.7	2.98	1.59	0.868	16.4	10.2	20.8	9
10	3.90B	17.2 B	5.35	48.5	5.07	32.0	2.64	1.34	0.846	19.7	8.25	18.0	10
11	3.63B	14.4 B	5.13	44.9	4.28	30.9	2.31	1.22	0.840	18.0	7.14	19.7	11
12	3.37B	54.5 B	4.86	27.1	4.00	20.2	2.24	1.09	0.859	9.26	6.69	16.8	12
13	3.12B	46.0 B	4.75	19.5	4.09	12.0	2.23	0.975	0.841	6.43	5.84	12.9	13
14	2.93B	40.6 B	4.61	14.5	4.76	8.28	2.21	0.927	0.850	4.94	5.40	9.25	14
15	2.72B	36.1 B	4.60B	14.2	4.07	6.54	3.17	0.810	0.905	4.14	5.11	8.06	15
16	2.52B	33.0 B	4.70B	10.8	3.50	5.62	4.17	14.7	0.965	3.59	4.87	41.4	16
17	2.39B	30.0 B	5.19	8.98	4.37	5.27	3.00	49.7	1.01	3.23	12.6	58.6	17
18	2.26B	28.7 A	13.3	9.26	6.41	4.62	2.28	38.4	0.970	2.84	32.9	36.0	18
19	2.12B	24.9 B	11.2	13.5	5.50	3.69	1.91	21.4	0.856	5.66	45.8	20.7	19
20	2.02B	24.2 B	9.00B	11.0	4.59	3.10	1.70	10.4	1.13	10.8	34.0	13.4	20
21	1.93B	23.1 B	10.4	8.95	3.80	16.9	1.79	5.99	1.07	7.68	62.6	11.2	21
22	1.84B	22.2 B	7.30B	8.20	3.13	20.5	2.21	4.28	0.957	5.33	55.2	8.80B	22
23	1.79B	23.6 B	7.00B	7.09	2.86	17.6	1.94	3.24	1.38	4.41	29.3	8.00B	23
24	1.73B	22.3 B	6.90B	6.46	4.34	9.13	1.62	2.73	1.77	73.2	17.2	7.20B	24
25	1.70B	20.3 B	6.80B	6.61	5.39	11.0	1.34	2.42	5.04	86.7	12.5	6.70B	25
26	1.71B	18.9 B	6.80B	6.76	4.26	35.5	1.21	2.10	3.97	44.7	10.2	6.40B	26
27	1.67B	17.0	7.00B	5.91	3.48	23.8	1.34	1.88	2.68	37.4	8.95	6.00B	27
28	1.62B	14.9	7.20B	5.32	4.68	12.8	1.80	1.77	2.32	90.0	8.34	5.70B	28
29	1.54B		8.00B	5.17	4.34	7.71	1.60	1.68	2.28	91.9	7.79	5.45B	29
30	1.49B		10.0 B	10.2	3.33	5.94	1.50	1.45	2.01	51.1	6.65	5.25B	30
31	1.44B		29.9		3.76		1.34	1.30		26.1		5.00B	31
TOTAL	80.87	570.22	255.43	803.61	154.82	347.85	75.82	180.772	43.270	673.78	498.06	589.51	TOTAL
MEAN	2.61	20.4	8.24	26.8	4.99	11.6	2.45	5.83	1.44	21.7	16.6	19.0	MEAN
MAX	5.10	54.5	29.9	89.5	10.1	35.5	4.70	49.7	5.04	91.9	62.6	58.6	MAX
MIN	1.44	1.42	4.60	5.17	2.86	2.46	1.21	0.810	0.840	1.68	4.87	5.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.7
MAXIMUM DAILY, 91.9 ON OCT 29
MINIMUM DAILY, 0.810 ON AUG 15
MAXIMUM INSTANTANEOUS,
126 AT 15:45 AST ON OCT 24

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 56 37 N
LONG 65 10 13 W
DRAINAGE AREA, 391 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 990	JUL	6 550
FEB	49 300	AUG	15 600
MAR	22 100	SEP	3 740
APR	69 400	OCT	58 200
MAY	13 400	NOV	43 000
JUN	30 100	DEC	50 900

TOTAL DISCHARGE, 369 000 dam³

POINT WOLFE RIVER AT FUNDY NATIONAL PARK - STATION NO. 01BV006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.60B	1.00B	5.20B	7.33	12.0	7.98	5.02	1.36	1.04	1.11	28.0 E	6.53	1
2	1.50B	1.50B	4.60B	11.2	8.52	4.82	4.25	1.00	1.09	1.29	22.0 E	28.0	2
3	1.37B	3.00B	3.80A	22.5	7.78	3.83	3.67	1.03	0.947	7.77	18.0 E	42.7	3
4	1.28B	8.50B	3.35	21.9	6.80	3.43	3.18	0.987	0.858	3.69	15.0 E	24.6	4
5	1.20B	8.00B	3.03	42.4	6.01	3.17	2.98	0.877	0.767	2.40	13.0 E	13.3	5
6	1.15B	7.10B	2.82	60.5	5.85	2.94	2.94	1.28	0.616	2.05	16.0 E	19.4 A	6
7	1.12B	6.50B	2.61	31.6	9.45A	2.94	2.94	3.88	0.636	5.27	14.0 E	16.0 A	7
8	3.00B	6.00B	2.55	22.1	8.78A	3.11	2.77	3.45	0.659	11.8	12.0 E	10.7 A	8
9	6.20B	6.50B	2.53	24.0	5.77	4.05	3.04	2.21	0.640	6.74	9.00E	10.4	9
10	4.30B	6.10B	2.42	38.1	4.76	8.60	2.56	1.93	1.25	6.62	7.10A	8.62	10
11	3.80B	6.10B	2.15	26.2	4.36	6.88	2.11	1.55	1.20	6.38	6.20E	7.44	11
12	3.50B	12.0 B	2.12	19.4	4.17	4.84	1.88	1.32	0.931	5.43	5.60E	7.25	12
13	3.10B	23.0 B	1.85B	15.4	5.32	4.62	1.83	1.28	0.777	4.48	5.00E	6.85	13
14	2.60B	18.0 B	1.38B	10.4	6.02	3.70	1.78	1.25	0.635	3.28	4.40E	7.38	14
15	2.50B	13.0 B	1.35B	35.9	4.61	3.42	1.87	1.16	0.587	2.80	4.00E	5.91	15
16	2.20B	10.0 B	1.70B	18.3	3.61	3.31	2.03	13.2	0.537	2.52	3.70A	29.2 A	16
17	2.00B	8.00B	3.00B	12.8	8.98	3.60	1.61	18.4	0.528	2.50	7.55	24.0 E	17
18	1.80B	6.50B	4.60B	10.7	9.30A	3.03	1.40	7.10	0.466	2.26	13.2	17.0 E	18
19	1.65B	6.00B	3.50B	14.2	5.22	2.59	1.23	5.07	0.390	21.7	12.2	13.0 E	19
20	1.55B	5.60B	2.70B	11.4	4.54	2.29	1.04	3.93	1.40	18.4 A	9.37	9.00E	20
21	1.45B	8.00B	3.03	9.71	4.16	6.85	2.98	3.08	1.16	8.47	37.6	8.00E	21
22	1.35B	14.0 B	2.20B	7.52	3.90	5.47	4.37	2.84	0.850	6.72	18.1	7.00E	22
23	1.30B	12.0 B	2.10B	6.86	3.11	17.4	2.28	2.53	3.07	5.78	11.1	6.00E	23
24	1.22B	10.0 B	2.20B	6.71	3.44	7.13	1.62	2.33	3.14	77.7 A	8.43	5.50E	24
25	1.20B	9.00B	3.61	6.20	3.50	11.9	1.34	2.06	4.39	63.0 E	7.38	5.30E	25
26	1.15B	8.00B	3.42	5.84	3.63	52.4	1.11	1.79	2.62	49.0 E	6.96	4.90E	26
27	1.10B	7.00B	2.94	5.66	4.83	19.3	1.77	1.68	1.61	56.0 E	5.49	4.60E	27
28	1.08B	6.00B	2.88	5.78	5.34	10.4	3.25	1.50	1.29	78.0 E	5.56	4.30E	28
29	1.05B		2.70	8.23	3.99	7.34	2.16	1.40	1.25	62.0 E	4.96	4.10E	29
30	1.03B		3.37	23.5	3.32	6.04	1.65	1.23	1.20	50.0 E	4.15	3.90E	30
31	1.00B		10.9		6.28		1.54	1.11		35.0 E		3.70E	31
TOTAL	60.35	236.40	96.21	542.34	177.35	227.38	74.20	93.814	36.534	610.16	335.05	364.58	TOTAL
MEAN	1.95	8.44	3.10	18.1	5.72	7.58	2.39	3.03	1.22	19.7	11.2	11.8	MEAN
MAX	6.20	23.0	10.9	60.5	12.0	52.4	5.02	18.4	4.39	78.0	37.6	42.7	MAX
MIN	1.00	1.00	1.35	5.66	3.11	2.29	1.04	0.877	0.390	1.11	3.70	3.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.82
MAXIMUM DAILY, 78.0E ON OCT 28
MINIMUM DAILY, 0.390 ON SEP 19

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 33 32 N
LONG 65 01 02 W
DRAINAGE AREA, 130 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 210	JUL	6 810
FEB	20 400	AUG	8 110
MAR	8 310	SEP	3 160
APR	46 900	OCT	52 700
MAY	15 300	NOV	28 900
JUN	19 600	DEC	31 500

TOTAL DISCHARGE, 247 000 dam³

REMOUS RIVER AT MCGRAW BROOK - STATION NO. 01BO002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.80B	2.80B	18.2 B	23.0B	48.9	20.5	8.54	2.85	2.76	8.29	23.7	14.0 B	1
2	4.60B	5.30B	17.2 B	34.5B	42.5	16.8	7.59	2.56	2.75	8.39	21.8	15.0 B	2
3	4.40B	8.00B	16.0 B	76.5B	40.2	13.7	6.98	2.43	2.50	14.8	20.5	28.0 B	3
4	4.30B	12.0 B	15.2 B	70.0B	37.0	12.3	6.46	2.37	2.38	18.2	18.5	44.0	4
5	4.20B	17.5 B	14.3 B	80.0B	35.5	11.6	6.16	2.37	2.39	15.3	17.0	34.3	5
6	4.10B	16.0 B	13.5 B	120 B	36.9	10.6	6.69	2.93	2.36	13.3	16.2	33.9	6
7	4.05B	15.0 B	12.5 B	80.0B	61.5	12.2	6.68	11.5	2.29	17.6	18.3	63.1	7
8	4.40B	14.0 B	11.7 B	65.5	47.6	12.9	5.98	10.6	2.10	50.0	27.5	61.7	8
9	5.30B	13.5 B	11.0 B	70.0	35.7	10.7	5.68	7.47	2.53	36.9	25.2	46.3	9
10	5.00B	12.8 B	10.3 B	105	29.6	15.4	5.35	6.10	4.48	26.8	21.4	37.3	10
11	4.80B	12.0 B	9.40B	95.1	26.3	17.5	5.00	5.12	3.78	22.3	19.0	32.0	11
12	4.58B	19.0 B	8.80B	68.5	24.3	14.5	4.80	4.07	3.43	19.6	17.4	27.4	12
13	4.45B	27.0 B	8.50B	51.5	23.3	13.2	4.68	3.63	3.21	17.1	15.8	22.4	13
14	4.30B	31.0 B	8.20B	43.0	54.3	12.2	4.51	3.09	3.56	15.5	14.8	21.5	14
15	4.10B	29.5 B	8.00B	45.3	40.8	11.5	5.02	2.87	3.77	14.5	13.8	21.1	15
16	4.00B	27.0 B	8.10B	37.1	31.7	10.5	4.82	3.84	3.48	13.3	13.2	20.5	16
17	3.85B	24.0 B	8.60B	32.8	42.0	10.3	4.27	8.83	3.16	12.4	14.7	19.2	17
18	3.75B	21.0 B	13.5 B	30.6	45.4	9.65	3.72	23.2	2.98	11.5	18.8	16.6	18
19	3.65B	19.0 B	12.8 B	32.5	34.4	8.61	3.72	15.9	3.13	15.2	24.8	15.8 B	19
20	3.55B	18.0 B	11.8 B	30.8	27.8	7.75	3.45	10.7	27.7	20.1	21.4	15.0 B	20
21	3.50B	19.0 B	11.1 B	28.4	24.1	8.53	3.64	7.99	22.4	17.2	42.0	14.0 B	21
22	3.40B	21.0 B	10.5 B	24.9	21.7	9.45	4.42	6.49	15.2	15.4	49.9	13.0 B	22
23	3.30B	24.5 B	10.0 B	24.5	19.7	22.7	3.89	5.43	12.4	15.4	33.3	12.0 B	23
24	3.25B	27.5 B	9.70B	25.4	17.7	18.9	3.33	5.28	13.0	33.7	25.5	11.3 B	24
25	3.15B	27.0 B	9.50B	25.2	15.7	15.0	3.02	5.85	17.5	39.6	22.1	10.9 B	25
26	3.10B	24.7 B	9.40B	24.6	15.1	19.6	2.75	5.23	14.6	29.9	19.7	10.2 B	26
27	3.05B	22.5 B	9.40B	27.1	14.8	19.6	3.01	4.31	11.5	27.1	17.9	9.80B	27
28	3.00B	20.6 B	9.40B	27.2	14.8	15.0	3.58	3.84	10.7	33.6	17.6	9.30B	28
29	2.95B		9.50B	30.9	17.6	11.7	3.01	3.41	10.8	45.2	16.5	8.90B	29
30	2.90B		11.0 B	55.5	16.9	9.92	2.93	3.20	8.93	34.4	15.0	8.50B	30
31	2.85B		16.0 B		17.7		3.22	3.00		27.8		8.00B	31
TOTAL	120.63	531.20	353.10	1 485.4	977.5	402.81	146.90	186.46	221.77	690.48	643.3	705.00	TOTAL
MEAN	3.89	19.0	11.4	49.5	31.5	13.4	4.74	6.01	7.39	22.3	21.4	22.7	MEAN
MAX	5.30	31.0	18.2	120	61.5	22.7	8.54	23.2	27.7	50.0	49.9	63.1	MAX
MIN	2.85	2.80	8.00	23.0	14.8	7.75	2.75	2.37	2.10	8.29	13.2	8.00	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.7
MAXIMUM DAILY, 120B ON APR 6
MINIMUM DAILY, 2.10 ON SEP 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 49 17 N
LONG 66 06 53 W
DRAINAGE AREA, 611 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 400	JUL	12 700
FEB	45 900	AUG	16 100
MAR	30 500	SEP	19 200
APR	128 000	OCT	59 700
MAY	84 500	NOV	55 600
JUN	34 800	DEC	60 900

TOTAL DISCHARGE, 558 000 dam³

RESTIGOUCHE RIVER ABOVE RAFTING GROUND BROOK - STATION NO. 01BJ007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	47.0B	31.4B	162 B	170B	677	292	285	62.9	92.8	60.4	378	107	1
2	46.0B	35.0B	152 B	210B	662	273	253	59.0	88.8A	64.4	340	109	2
3	45.2B	43.0B	146 B	255B	666	254	229	57.2	83.5E	76.9	308	138	3
4	44.4B	50.0B	138 B	260B	670	240	210	61.8	80.0E	96.5	278	149	4
5	43.6B	54.0B	130 B	322B	674	227	207	62.1	76.5E	97.4	252	154	5
6	42.8B	52.0B	124 B	620B	702	211	288	61.0	73.5E	90.7	234	158	6
7	42.0B	50.0B	118 B	668	740	202	288	93.0	70.5E	86.0	226	253	7
8	41.4B	48.0B	112 B	579	665	192	253	199	67.5E	126	227	334	8
9	40.8B	46.0B	107 B	523	573	178	223	202	65.0E	188	211	337	9
10	40.2B	45.0B	102 B	679	525	206	197	180	77.0E	185	194	314	10
11	39.6B	44.0B	98.0B	867	495	251	179	171	73.0E	165	179	291	11
12	39.0B	55.0B	95.0B	789	471	224	166	166	69.5E	156	168	265	12
13	38.5B	66.0B	92.0B	650	555	204	157	182	66.0E	144	159	238	13
14	38.0B	87.0B	90.0B	575	814	190	147	168	63.0E	136	152	216	14
15	37.5B	82.0B	88.0B	541	745	183	145	153	60.4A	129	146	190 B	15
16	37.0B	79.0B	86.0B	475	628	174	139	160	58.3	125	144	170 B	16
17	36.5B	75.0B	84.0B	434	571	180	125	208	54.3	119	135	152 B	17
18	36.0B	72.0B	83.0B	402	553	193	114	273	50.1	114	131	138 B	18
19	35.6B	70.0B	90.0B	391	492	176	108	269	49.3	117	130	124 B	19
20	35.2B	68.0B	122 B	371	444	163	105	231	69.9	131	127	114 B	20
21	34.9B	82.0B	112 B	346	398	152	102	204	77.3	128	126	105 B	21
22	34.6B	92.0B	105 B	325	358	146	101	184	69.8	117	153	98.0B	22
23	34.3B	118 B	99.0B	307	329	207	97.8	168	63.1	119	165	92.0B	23
24	34.0B	150 B	94.0B	307	298	238	88.2	159	57.2	244	151	86.0B	24
25	33.6B	210 B	90.0B	314	268	218	82.2	148	53.9	435	141	82.0B	25
26	33.2B	198 B	88.0B	326	255	328	77.4	135	50.8	396	134	77.0B	26
27	32.9B	185 B	86.0B	374	248	523	76.6	126	49.8	363	129	73.5B	27
28	32.6B	173 B	84.0B	415	250	459	79.7	117	52.8	441	127	70.0B	28
29	32.3B		84.0B	457	271	389	76.0	110	57.3	519	123	67.5B	29
30	32.0B		92.0B	624	278	334	69.5	102	60.7	477	115	65.0B	30
31	31.7B		150 B		290		66.9	97.0		426		63.0B	31
TOTAL	1 172.4	2 360.4	3 303.0	13 576	15 565	7 207	4 735.3	4 569.0	1 981.6	6 072.3	5 483	4 830.0	TOTAL
MEAN	37.8	84.3	107	453	502	240	153	147	66.1	196	183	156	MEAN
MAX	47.0	210	162	867	814	523	288	273	92.8	519	378	337	MAX
MIN	31.7	31.4	83.0	170	248	146	66.9	57.2	49.3	60.4	115	63.0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 194
MAXIMUM DAILY, 867 ON APR 11
MINIMUM DAILY, 31.4B ON FEB 1
MAXIMUM INSTANTANEOUS,
1 010 AT 11:30 AST ON APR 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 54 29 N
LONG 66 56 51 W
DRAINAGE AREA, 7 740 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	101 000	JUL	409 000
FEB	204 000	AUG	395 000
MAR	285 000	SEP	171 000
APR	1 170 000	OCT	525 000
MAY	1 340 000	NOV	474 000
JUN	623 000	DEC	417 000

TOTAL DISCHARGE, 6 110 000 dam³

RESTIGOUCHE RIVER BELOW KEDGWICK RIVER - STATION NO. 01BC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.5B	12.8B	67.0B	51.4	291	121	113	20.9	38.2	18.4	152	33.0B	1
2	20.0B	12.7B	63.0B	56.0	281	113	99.4	20.1	35.7	21.7	137	34.0B	2
3	19.6B	15.5B	59.0B	76.7	276	104	88.6	19.3	33.3	24.6	121	41.0B	3
4	19.2B	19.0B	55.0B	78.0	275	97.0	79.7	19.6	32.1	32.2	107	45.4	4
5	18.8B	23.0B	52.0B	115	278	90.9	87.2	21.0	30.6	29.3	95.2	47.2	5
6	18.4B	22.0B	49.0B	229	295	82.7	105	24.8	29.1	25.8	87.0	46.4	6
7	18.0B	21.0B	47.0B	248	305	78.0	99.1	63.4	27.6	25.1	82.8	63.5	7
8	17.6B	20.0B	45.0B	221	262	70.9	87.4	117	26.0	39.1	79.9	86.7	8
9	17.2B	19.2B	43.0B	209	224	66.6	77.7	95.5	25.4	46.8	73.4	89.3	9
10	16.9B	18.6B	41.0B	310	205	83.3	68.8	86.0	28.4	42.7	64.5	86.3	10
11	16.6B	18.0B	39.5B	381	191	85.1	61.7	77.7	26.8	40.7	58.5	82.7	11
12	16.3B	25.0B	38.5B	342	197	69.7	56.7	77.5	24.8	39.1	55.4	77.2	12
13	16.0B	38.0B	37.5B	281	245	62.6	52.5	86.1	23.7	37.3	50.7	68.1	13
14	15.8B	36.0B	36.5B	250	361	59.0	51.0	74.0	22.8	36.0	49.0	60.0B	14
15	15.6B	34.0B	35.5B	233	317	54.8	52.0	66.6	21.8	35.1	46.5	55.0B	15
16	15.4B	32.0B	34.6B	199	261	52.1	46.1	75.7	20.9	34.2	44.8	51.0B	16
17	15.2B	30.6B	33.8B	180	250	59.4	41.7	102	19.9	33.5	43.7	48.0B	17
18	15.0B	29.4B	33.0B	168	248	62.7	38.8	133	19.0	32.4	43.3	45.5B	18
19	14.8B	28.2B	54.0B	166	220	53.7	36.7	124	18.7	37.4	44.0	43.0B	19
20	14.6B	27.0B	48.0B	158	195	49.1	36.2	107	24.4	46.0	41.9	41.5B	20
21	14.4B	32.0B	45.0B	147	171	46.5	35.2	92.7	25.5	40.4	42.9	39.5B	21
22	14.2B	38.0B	41.0B	138	152	46.7	37.1	82.4	22.4	37.7	57.8	38.0B	22
23	14.0B	46.0B	39.0B	131	137	72.1	34.8	73.3	20.2	38.9	54.5	36.5B	23
24	13.8B	60.0B	37.0B	135	122	74.7	31.4	70.2	18.7	117	47.8	35.0B	24
25	13.6B	80.0B	35.0B	139	108	69.4	29.7	64.8	17.7	177	45.2	33.5B	25
26	13.5B	78.0B	33.0B	144	101	146	27.6	58.1	16.7	157	43.4	32.5B	26
27	13.4B	74.0B	31.0B	167	95.5	213	27.5	53.1	16.2	146	41.7	31.5B	27
28	13.3B	70.0B	29.8	181	96.2	183	28.6	49.1	18.5	197	38.5B	30.5B	28
29	13.2B		31.9	200	110	153	25.8	45.6	19.2	225	36.0B	29.5B	29
30	13.1B		32.5	280	113	131	24.1	42.3	17.2	203	34.0B	28.5B	30
31	13.0B		47.1		122		22.4	40.3		174		27.5B	31
TOTAL	491.0	960.0	1 314.2	5 614.1	6 504.7	2 651.0	1 703.5	2 083.1	721.5	2 190.4	1 919.4	1 507.3	TOTAL
MEAN	15.8	34.3	42.4	187	210	88.4	55.0	67.2	24.1	70.7	64.0	48.6	MEAN
MAX	20.5	80.0	67.0	381	361	213	113	133	38.2	225	152	89.3	MAX
MIN	13.0	12.7	29.8	51.4	95.5	46.5	22.4	19.3	16.2	18.4	34.0	27.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 75.8
MAXIMUM DAILY, 381 ON APR 11
MINIMUM DAILY, 12.7B ON FEB 2
MAXIMUM INSTANTANEOUS,
390 AT 07:38 AST ON APR 11

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 40 00 N
LONG 67 29 03 W
DRAINAGE AREA, 3 160 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	42 400	JUL	147 000
FEB	82 900	AUG	180 000
MAR	114 000	SEP	62 300
APR	485 000	OCT	189 000
MAY	562 000	NOV	166 000
JUN	229 000	DEC	130 000

TOTAL DISCHARGE, 2 390 000 dam³

SAINT JOHN RIVER AT EDMUNDSTON - STATION NO. 01AD004

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	135.877	135.305	137.312	135.516	136.550	135.784	135.234	---	135.270	135.981	136.559	135.037	1
2	135.843	135.303	136.936	136.036	136.487	135.749	135.139	---	135.216	135.848	136.362	135.015	2
3	135.814	135.388	136.422	136.237	136.334	135.673	135.066	---	135.178	135.755	136.187	135.015	3
4	135.750	135.390	136.174	136.380	136.232	135.587	135.006	---	135.136	135.766	136.044	135.082	4
5	135.736	135.433	136.021	136.636	136.145	135.511	134.973	---	135.086	135.832	135.918	135.103	5
6	135.747	135.438	135.870	137.361	136.092	135.421	134.944	---	135.039	135.890	135.833	135.087	6
7	135.727	135.442	135.699	137.613	136.073	135.357	135.000	---	135.006	135.861	135.809	135.166	7
8	135.691	135.445	135.579	137.415	136.084	135.297	---	---	134.967	136.039	135.840	135.265	8
9	135.644	135.470	135.488	137.164	136.035	135.261	---	---	134.950	136.687	135.853	135.246	9
10	135.654	135.490	135.427	137.243	135.920	135.236	---	---	134.979	136.808	135.786	135.221	10
11	135.626	135.512	135.355	137.589	135.829	135.189	---	---	135.041	136.579	135.700	135.212	11
12	135.606	135.644	135.329	137.618	135.831	135.190	---	---	135.075	136.367	135.612	135.174	12
13	135.583	135.689	135.271	137.395	136.071	135.133	---	---	135.050	136.211	135.509	135.098	13
14	135.557	135.727	135.242	137.075	136.278	135.078	---	---	134.989	136.087	135.416	135.021	14
15	135.537	135.792	135.185	136.801	136.346	135.025	---	---	134.952	135.998	135.360	135.049	15
16	135.515	135.913	135.149	136.606	136.276	134.989	---	---	134.923	135.940	135.311	135.052	16
17	135.527	136.019	135.092	136.470	136.353	135.084	---	---	134.900	135.889	135.269	135.029	17
18	135.500	136.125	134.944	136.352	136.365	135.247	---	---	134.899	135.842	135.256	135.000	18
19	135.476	136.183	135.035	136.308	136.356	135.325	---	137.809	134.898	135.904	135.287	134.932	19
20	135.449	136.294	134.975	136.333	136.244	135.211	---	137.411	134.916	136.193	135.348	134.923	20
21	135.444	136.478	134.994	136.280	136.106	135.090	---	136.890	134.919	136.473	135.428	134.912	21
22	135.411	136.798	134.985	136.148	135.985	135.008	---	136.462	134.922	136.391	135.472	135.015	22
23	135.401	137.124	134.992	136.040	135.883	135.006	---	136.205	134.951	136.302	135.435	135.103	23
24	135.392	137.677	135.007	135.975	135.804	135.130	---	136.046	135.034	136.505	135.376	135.159	24
25	135.374	138.770	134.965	135.978	135.731	135.297	---	135.899	136.392	137.080	135.314	135.079	25
26	135.366	138.838	134.956	136.006	135.667	135.338	---	135.759	137.963	137.232	135.246	135.002	26
27	135.379	138.339	134.991	136.058	135.533	135.688	---	135.622	137.454	137.131	135.199	134.993	27
28	135.360	137.856	134.972	136.081	135.531	135.783	---	135.535	136.843	137.314	135.170	135.236	28
29	135.338		134.970	136.086	135.612	135.552	---	135.455	136.420	137.294	135.137	135.344	29
30	135.318		134.992	136.284	135.786	135.371	---	135.394	136.152	137.193	135.102	135.282	30
31	135.314		135.178		135.833		---	135.332		136.878		135.230	31
MEAN	135.547	136.246	135.403	136.569	136.044	135.320	---	---	135.384	136.364	135.571	135.099	MEAN
MAX	135.877	138.838	137.312	137.618	136.550	135.784	---	---	137.963	137.314	136.559	135.344	MAX
MIN	135.314	135.303	134.944	135.516	135.531	134.989	---	---	134.898	135.755	135.102	134.912	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 138.838 ON FEB 26

MAXIMUM INSTANTANEOUS,
139.923 AT 12:49 AST ON FEB 25

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 21 40 N
LONG 68 19 38 W

NATURAL FLOW

DRAINAGE AREA,
15 500 km²

SAINT JOHN RIVER AT FORT KENT - STATION NO. 01AD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	113 B	53.8B	538B	269B	801	436	230	96.0	226	445	739	164	1
2	109 B	54.4B	464B	453B	736	411	197	87.8	210	379	637	159	2
3	106 B	55.2B	419B	595B	657	374	176	79.9	196	343	564	175	3
4	103 B	63.7B	391B	665B	600	340	159	80.1	182	345	507	192	4
5	101 B	75.0B	357B	779B	555	314	144	77.6	169	371	459	195	5
6	97.7B	87.8B	334B	1 420B	530	286	143	328	157	374	422	188	6
7	93.4B	88.3B	311B	1 610	530	267	168	2 270	147	348	413	210	7
8	92.0B	87.2B	289B	1 400	535	250	219	2 230	138	433	436	240	8
9	89.2B	82.1B	269B	1 210	541	245	181	1 580	136	708	436	237	9
10	86.4B	80.7B	252B	1 310	447	239	154	1 130	150	711	408	229	10
11	85.0B	86.4B	232B	1 520	408	239A	135	1 060	169	595	374	225	11
12	82.1B	96.3B	219B	1 500	416	232A	166	929	177	501	343	213	12
13	79.3B	108 B	207B	1 310	518	213A	158	818	167	436	309	179	13
14	77.9B	123 B	197B	1 090	620	193A	157	691	152	382	286	162	14
15	75.0B	139 B	187B	940	643	182A	266	566	141	343	263	171	15
16	73.6B	159 B	173B	813	595	174A	374	498	132	317	248	178	16
17	70.8B	181 B	159B	725	603	208	294	524	125	292	233	170	17
18	69.4B	191 B	119B	657	626	280	219	994	121	270	234	157	18
19	68.0B	204 B	116B	646	612	292	172	1 540	116	292	259	140	19
20	65.7B	229 B	127B	663	547	243	144	1 190	115	416	283	142	20
21	65.1B	266 B	139B	623	479	202	134	900	115	490	303	137	21
22	62.9B	306 B	150B	552	428	177	138	674	116	442	314	127	22
23	62.3B	453 B	156B	496	388	180	161	544	125	394	303	151	23
24	60.6B	620 B	156B	470	360	253	155	479	150	479	279	157	24
25	59.5B	892 B	150B	479	334	292	127	425	1 040	739	255	157	25
26	58.0B	765 B	146B	498	323	300	108	379	1 630	753	234	149	26
27	56.6B	680 B	150B	527	309	479	98.8	343	1 220	691	217	142	27
28	56.1B	600 B	147B	535	311	470	108	311	852	793	211	142	28
29	54.9B		139B	535	354	360	129	286	646	1 080	206	136	29
30	54.4B		147B	654	430	280	125	264	518	1 070	192	141	30
31	54.4B		167B		445		108	245		892		136	31
TOTAL	2 382.3	6 826.9	7 007	24 944	15 641	8 411	5 247.8	21 619.4	9 538	16 124	10 367	5 301	TOTAL
MEAN	76.8	244	226	831	505	280	169	697	318	520	346	171	MEAN
MAX	113	892	538	1 610	801	479	374	2 270	1 630	1 080	739	240	MAX
MIN	54.4	53.8	116	269	309	174	98.8	77.6	115	270	192	127	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 366
MAXIMUM DAILY, 2 270 ON AUG 7
MINIMUM DAILY, 53.8B ON FEB 1
MAXIMUM INSTANTANEOUS,
2 520 AT 19:00 EST ON AUG 7

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 15 25 N
LONG 68 35 35 W
DRAINAGE AREA, 14 700 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	206 000	JUL	453 000
FEB	590 000	AUG	1 870 000
MAR	605 000	SEP	824 000
APR	2 160 000	OCT	1 390 000
MAY	1 350 000	NOV	896 000
JUN	727 000	DEC	458 000

TOTAL DISCHARGE, 11 500 000 dam³

SAINT JOHN RIVER AT FREDERICTON - STATION NO. 01AK003

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.632	1.165	4.269	2.716	3.476	2.680	2.184	1.233	2.026	2.415	4.182	2.252	1
2	1.394	1.331	4.110	3.219	3.439	2.679	2.082	1.211	1.990	2.545	3.915	2.306	2
3	1.786	1.680	3.740	3.856	3.318	2.669	2.161	1.253	1.965	2.695	3.747	2.352	3
4	1.530	1.771	3.577	4.087	3.367	2.590	2.118	1.295	1.913	2.560	3.356	2.533	4
5	1.404	1.950	3.484	4.204	3.449	2.562	1.987	1.346	1.608	2.386	3.245	2.715	5
6	1.536	2.117	3.269	5.214	3.492	2.386	2.161	1.578	1.392	2.162	3.035	2.933	6
7	1.540	2.213	2.862	5.647	3.651	2.518	2.080	2.344	1.261	2.427	2.778	2.909	7
8	1.525	2.170	2.858	5.292	3.485	2.273	1.830	3.304	1.279	2.873	2.865	3.180	8
9	1.746	2.038	2.949	5.500	2.922	2.346	1.761	3.727	1.285	3.033	2.884	3.121	9
10	1.641	2.367	2.755	5.396	2.610	2.346	1.545	3.406	1.261	2.703	2.886	3.046	10
11	1.495	2.423	2.671	5.899	2.919	2.328	1.387	3.114	1.255	2.506	2.790	3.130	11
12	1.434	2.956	2.621	5.765	2.809	2.192	1.324	3.024	1.190	2.582	2.717	2.888	12
13	1.636	3.406	2.597	5.299	2.973	2.087	1.465	2.943	1.128	2.632	2.762	2.757	13
14	1.608	3.219	2.342	5.137	3.332	1.997	1.527	2.781	1.331	2.545	2.503	2.748	14
15	1.607	2.916	2.053	4.796	3.373	2.207	1.624	2.583	1.386	2.427	2.328	2.650	15
16	1.435	3.361	2.215	4.608	3.335	2.098	1.592	2.635	1.396	2.323	2.370	2.603	16
17	1.458	3.077	2.045	4.430	3.361	1.920	1.596	2.969	1.410	2.264	2.370	2.775	17
18	1.400	2.950	2.171	4.261	3.527	1.824	1.600	3.434	1.364	2.162	2.503	2.699	18
19	1.471	2.810	2.294	3.977	3.423	1.854	1.470	3.537	1.314	2.331	2.983	2.393	19
20	1.840	2.802	2.528	3.903	3.277	1.710	1.728	3.876	1.631	2.412	2.726	2.234	20
21	1.669	3.032	2.524	3.748	3.178	1.765	1.892	3.630	1.942	2.494	3.173	2.196	21
22	1.611	3.697	2.295	3.771	3.299	2.094	1.719	3.506	1.760	2.474	2.957	2.272	22
23	1.486	4.028	2.146	3.683	2.987	2.038	1.581	3.028	2.038	2.377	3.031	2.327	23
24	1.359	4.441	2.156	3.517	2.572	2.203	1.534	2.958	2.086	2.620	2.922	2.116	24
25	1.302	4.658	1.983	3.216	2.407	2.398	1.364	2.623	2.527	3.699	2.857	1.908	25
26	1.327	4.643	1.891	2.771	2.521	2.386	1.296	2.656	3.098	3.822	2.618	1.837	26
27	1.396	4.292	1.951	2.764	2.430	2.373	1.419	2.554	3.243	3.878	2.718	1.721	27
28	1.439	4.202	2.066	3.168	2.510	2.533	1.284	2.523	3.354	4.071	2.430	1.791	28
29	1.491		1.873	3.384	2.506	2.400	1.374	2.347	3.185	4.668	2.183	1.969	29
30	1.484		2.207	3.387	2.590	2.353	1.405	2.142	2.692	4.544	2.258	2.050	30
31	1.315		2.611		2.574		1.279	2.192		4.411		2.184	31
MEAN	1.516	2.908	2.617	4.221	3.068	2.260	1.656	2.637	1.844	2.872	2.870	2.471	MEAN
MAX	1.840	4.658	4.269	5.899	3.651	2.680	2.184	3.876	3.354	4.668	4.182	3.180	MAX
MIN	1.302	1.165	1.873	2.716	2.407	1.710	1.279	1.211	1.128	2.162	2.183	1.721	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 2.573
MAXIMUM DAILY, 5.899 ON APR 11
MINIMUM DAILY, 1.128 ON SEP 13
MAXIMUM INSTANTANEOUS,
6.026 AT 17:15 AST ON APR 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 57 54 N
LONG 66 38 42 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

NEW BRUNSWICK

SAINT JOHN RIVER AT GRAND FALLS - STATION NO. 01AF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN		FEB		MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	149	E	98.4		979	507	1 170	796E	411	51.9	367	580E	1 090	267	1
2	181	E	116		878	642	1 220	753E	357	150	321	510E	957	290	2
3	174	E	186		795	934	1 110	716E	289	146	314	493E	830	286	3
4	200	E	162		737	1 030	1 030	668E	277	131	272	469E	753	337	4
5	196	E	178		666	1 200	968	613E	272	151	265	478E	687	331	5
6	194	E	151		635	1 670	940	568E	252	197	252	493E	644	330	6
7	147	E	139		611	2 060	921	521E	286	1 550	227	507E	606	388	7
8	137	E	140		589	1 940	902	502E	190	2 710	225	568E	636	430	8
9	151	E	133		562	1 710	867	472A	179	2 220	215	648E	636	412	9
10	173	E	179		517	1 790	798	440	216	1 510	213	900E	594	386	10
11	152	E	177		490	2 070	729	408	255	1 300	244	810E	538	383	11
12	171	E	189		448	2 160	814A	382	283	1 220	237	694E	528	367	12
13	126	E	181		429	1 950	932E	368	267	1 100	256	589E	466	319	13
14	141	E	204		410	1 670	1 200E	335	257	978	226	534E	435	265	14
15	143	E	247		356	1 490	1 250E	282	220	847	215	474E	396	274	15
16	126	A	277		332	1 260	1 190E	285	131	785	201A	460E	399	310	16
17	125		358		328	1 170	1 210E	326	127	816	191E	425E	378	285	17
18	118		348		206	1 080	1 250E	387	170	1 090	185E	375E	364	248	18
19	123		325		229	1 040	1 220E	417	233	1 660	180E	471E	396	225	19
20	145		389		292	1 030	1 140E	393	275	1 620	197E	547E	377	225	20
21	133		489		295	1 010	1 020E	328	303	1 280	189E	555E	438	228	21
22	132		552		319	916	928E	287	308	988	180E	592E	477	224	22
23	130		727		339	832	849E	326	309	815	180E	571E	490	217	23
24	135		932		318	808	784E	324	289	713	178E	752E	441	254	24
25	82.0		1 200		288	819	730E	385	217	650	430E	994E	404	277	25
26	115		1 290		276	826	715E	495	205	631	1 730E	1 130E	381	243	26
27	116		1 200		275	855	646E	570	205	454	1 570E	1 080A	350	228	27
28	121		1 060		286	890	593E	675	200	460	1 180E	1 090	376	213	28
29	115				273	896	676E	580	203	428	844E	1 340	324	201	29
30	120				339	1 040	730E	472	196	401	694E	1 460	267	219	30
31	117				510		826E		182	380		1 290		224	31
TOTAL	4 388.0		11 627.4		14 007	37 295	29 358	14 074	7 564	27 432.9	11 978	21 879	15 658	8 886	TOTAL
MEAN	142		415		452	1 240	947	469	244	885	399	706	522	287	MEAN
MAX	200		1 290		979	2 160	1 250	796	411	2 710	1 730	1 460	1 090	430	MAX
MIN	82.0		98.4		206	507	593	282	127	51.9	178	375	267	201	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 559
MAXIMUM DAILY, 2 710 ON AUG 8
MINIMUM DAILY, 51.9 ON AUG 1
MAXIMUM INSTANTANEOUS,
2 820 AT 09:38 AST ON AUG 8

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 02 24 N
LONG 67 44 30 W
DRAINAGE AREA, 21 900 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1930

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	379 000	JUL	654 000
FEB	1 000 000	AUG	2 370 000
MAR	1 210 000	SEP	1 030 000
APR	3 220 000	OCT	1 890 000
MAY	2 540 000	NOV	1 350 000
JUN	1 220 000	DEC	768 000

TOTAL DISCHARGE, 17 600 000 dam³

SAINT JOHN RIVER AT HARTLAND SALMON POOL - STATION NO. 01AJ008

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	42.042	41.174	45.415	40.925	42.008	41.227	40.343	39.654	40.398	---	42.268	40.383	1
2	41.758	41.158	45.043	41.002	42.056	41.165	40.454	39.484	40.356	---	41.937	40.377	2
3	42.256	41.909	44.422	41.900	41.842	41.082	40.325	39.503	40.192	---	41.678	40.324	3
4	41.843	41.860	44.216	42.171	41.517	40.987	40.246	39.572	39.846	---	41.489	40.376	4
5	42.102	41.951	43.940	42.437	41.413	40.855	40.129	39.775	39.827	---	41.359	40.792	5
6	41.973	41.995	43.620	42.038	41.342	40.752	40.168	40.006	39.881	---	41.177	40.704	6
7	42.120	42.017	43.415	---	41.358	40.725	40.256	40.832	39.503	---	41.136	40.588	7
8	41.816	41.600	43.189	---	41.313	40.542	40.167	43.151	39.625	---	41.186	41.015	8
9	42.009	41.687	42.819	---	41.220	40.515	39.946	43.080	39.812	40.946	41.241	41.025	9
10	41.803	41.995	42.403	---	41.152	40.593	40.449	42.315	39.866	41.110	41.155	41.013	10
11	41.689	42.233	42.134	---	41.046	40.811	40.165	41.913	39.933	41.819	41.042	40.991	11
12	41.632	42.650	42.016	---	40.978	40.452	39.932	41.821	39.908	41.172	40.944	40.713	12
13	41.928	42.591	41.683	---	41.133	40.363	39.986	41.647	39.809	41.022	40.845	40.636	13
14	41.797	42.385	41.338	---	41.808	40.347	40.117	41.514	39.991	40.824	40.681	40.519	14
15	41.860	41.992	41.440	---	41.931	40.284	40.115	41.284	39.948	40.744	40.655	40.487	15
16	41.568	42.514	41.032	---	41.779	40.111	40.176	41.213	39.807	40.651	40.448	40.416	16
17	41.647	42.570	---	---	41.798	40.091	40.376	41.328	39.781	40.495	40.541	40.485	17
18	41.600	42.203	---	---	41.963	40.275	40.285	42.328	39.819	40.348	40.626	40.439	18
19	41.362	42.465	---	---	41.914	40.439	40.133	42.538	39.790	40.460	41.027	40.245	19
20	42.277	42.402	43.101	---	41.797	40.329	40.084	42.743	40.115	40.916	40.705	39.899	20
21	41.772	43.010	42.862	---	41.592	40.363	40.114	42.213	---	40.944	40.876	40.176	21
22	41.626	43.130	42.291	---	41.445	40.210	40.051	41.642	---	40.794	41.010	40.722	22
23	41.498	43.636	41.841	41.434	41.280	40.219	39.835	41.307	---	40.644	41.024	41.272	23
24	41.277	44.044	41.322	41.404	41.088	40.709	39.994	41.173	---	41.754	41.011	41.384	24
25	40.970	44.376	40.938	41.402	41.053	40.563	39.649	41.015	---	42.615	40.868	41.384	25
26	41.355	44.757	40.650	41.414	40.966	40.694	39.568	40.991	---	42.534	40.748	41.387	26
27	41.467	45.895	40.144	41.460	40.939	40.913	39.943	40.913	---	42.375	40.758	41.391	27
28	41.440	45.937	40.317	41.532	40.818	40.933	39.700	40.664	---	42.497	40.273	41.406	28
29	41.487		40.179	41.510	40.959	40.971	39.838	40.204	---	42.886	40.263	41.901	29
30	41.554		40.570	41.798	41.035	40.973	39.913	40.178	---	42.898	40.440	41.825	30
31	41.477		40.635		41.224		39.840	40.290		42.630		42.265	31
MEAN	41.710	42.719	---	---	41.412	40.616	40.074	41.171	---	---	40.979	40.855	MEAN
MAX	42.277	45.937	---	---	42.056	41.227	40.454	43.151	---	---	42.268	42.265	MAX
MIN	40.970	41.158	---	---	40.818	40.091	39.568	39.484	---	---	40.263	39.899	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 45.937 ON FEB 28
MINIMUM DAILY, 39.484 ON AUG 2
MAXIMUM INSTANTANEOUS,
46.830 AT 22:35 AST ON FEB 26

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 17 54 N
LONG 67 31 45 W

REGULATED

SAINT JOHN RIVER AT MACTAQUAC GENERATING STATION - STATION NO. 01AK009

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.215	3.177	6.008	8.826	---	4.916	4.208	3.200	4.111	4.498	6.325	4.524	1
2	3.931	4.049	5.775	5.816	---	5.010	4.202	3.124	4.190	4.898	6.015	4.475	2
3	4.423	3.897	5.363	6.272	---	4.956	4.535	3.391	4.336	5.053	5.918	4.203	3
4	3.385	4.097	5.374	6.277	---	4.714	4.391	3.590	4.244	4.689	5.290	4.440	4
5	4.202	4.102	5.291	6.328	---	4.749	4.002	3.696	3.311	4.572	5.496	4.829	5
6	4.132	4.326	5.058	7.783	---	4.273	4.646	4.247	3.193	4.311	5.007	5.178	6
7	3.737	4.502	4.368	7.782	---	4.769	4.115	5.227	3.035	4.898	4.694	4.883	7
8	4.073	3.871	4.757	7.231	---	4.212	3.880	6.302	3.526	5.536	5.060	5.503	8
9	4.234	4.065	4.943	7.471	---	4.488	3.752	6.598	3.473	5.643	4.999	5.167	9
10	3.993	4.495	4.611	7.392	---	4.640	3.505	6.064	3.601	5.100	5.190	5.009	10
11	3.273	4.438	4.616	8.041	---	4.429	3.109	5.747	3.573	4.741	4.879	5.221	11
12	3.978	5.152	4.639	7.650	---	4.307	3.294	5.731	3.288	5.144	4.900	4.557	12
13	4.387	5.295	4.652	7.031	---	4.218	3.981	5.518	3.130	5.092	4.941	4.475	13
14	4.263	4.654	4.131	6.901	---	4.056	4.087	5.358	3.844	4.952	4.341	4.542	14
15	4.037	4.267	4.085	6.587	---	4.698	4.267	4.931	3.727	4.670	4.155	4.418	15
16	3.715	4.829	4.247	6.419	---	4.279	4.020	5.004	3.717	4.535	4.386	4.421	16
17	4.009	4.570	3.696	6.224	---	---	4.173	5.320	3.717	4.565	4.462	4.862	17
18	3.356	4.569	3.694	6.148	---	---	3.983	5.941	3.455	4.232	4.668	4.528	18
19	4.283	4.403	3.819	5.705	---	4.135	3.778	6.102	3.417	4.690	5.549	3.897	19
20	4.479	4.350	4.239	5.763	---	3.712	4.464	6.438	4.232	4.789	4.650	3.714	20
21	3.911	4.933	4.145	5.712	5.442	4.081	4.439	6.026	4.500	4.977	5.500	3.982	21
22	3.925	5.775	3.596	6.038	5.840	4.516	4.046	5.835	4.195	4.931	4.845	4.307	22
23	3.400	5.980	4.041	---	5.014	4.145	3.746	5.004	4.628	4.780	5.093	4.332	23
24	3.109	6.344	4.297	---	4.413	4.636	3.879	4.955	4.496	5.311	5.016	3.901	24
25	3.077	6.475	4.083	---	4.473	4.944	3.183	4.472	5.173	6.585	5.030	3.601	25
26	3.543	6.373	4.141	---	4.927	4.588	3.241	4.989	5.841	6.427	4.604	3.813	26
27	3.732	5.659	4.321	---	4.685	4.626	3.880	4.615	5.922	6.337	4.999	3.574	27
28	3.785	5.993	4.619	---	4.880	4.949	3.472	4.782	5.997	6.622	4.146	4.007	28
29	3.869		4.124	---	4.886	4.634	3.767	4.461	5.607	7.185	4.043	4.166	29
30	3.837		4.852	---	5.010	4.614	3.677	4.037	4.920	6.749	4.614	4.358	30
31	3.688		5.189		4.869		3.185	4.345		6.577		4.269	31
MEAN	3.838	4.809	4.541	---	---	---	3.900	5.202	4.147	5.261	4.961	4.424	MEAN
MAX	4.479	6.475	6.008	---	---	---	4.646	6.598	5.997	7.185	6.325	5.503	MAX
MIN	3.077	3.177	3.596	---	---	---	3.109	3.124	3.035	4.232	4.043	3.574	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 57 24 N
LONG 66 51 53 W

MAXIMUM DAILY, 8.041 ON APR 11
MINIMUM DAILY, 3.035 ON SEP 7
MAXIMUM INSTANTANEOUS,
8.257 AT 16:35 AST ON APR 11

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SAINT JOHN RIVER AT MAUGERVILLE - STATION NO. 01AO002

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.446	1.060	3.151	2.337	3.049	2.445	2.114	1.239	2.060A	---	3.765	2.069	1
2	1.253	1.111	3.183	2.728	3.054	2.445	1.993	1.213	1.881	---	3.558	2.095	2
3	1.440	1.455	3.512	3.298	3.007	2.452	2.016	1.229	1.800A	---	3.380	2.201	3
4	1.363	1.554	3.310	3.605	2.996	2.421	1.997	1.239	---	---	3.079	2.353	4
5	1.227	1.708	3.215	3.765	3.076	2.390	1.913	1.247	---	---	2.916	2.470	5
6	1.312	1.847	3.048	4.420	3.098	2.301	1.962	1.386	---	---	2.792	2.640	6
7	1.355	1.943	2.770	4.927	3.255	2.346	1.983	1.895	---	---	2.596	2.680	7
8	1.362	1.986	2.718	4.803	3.188	2.196	1.793	2.800A	---	---	2.627	2.844	8
9	1.504	1.887	2.764	4.935	2.835	2.185	1.737	---	---	---	2.659	2.871	9
10	1.475	2.050	2.630	4.878	2.542	2.183	1.545	---	---	---	2.616	2.844	10
11	1.416	2.113	2.546	5.183	2.626	2.171	1.401	2.690A	---	---	2.576	2.875	11
12	1.315	2.536	2.477	5.194	2.565	2.073	1.350	2.596	---	---	2.527	2.765	12
13	1.396	2.967	2.422	4.889	2.595	1.979	1.386	2.605	---	---	2.529	2.642	13
14	1.409	2.915	2.253	4.720	2.864	1.909	1.433	2.487	---	---	2.399	2.600	14
15	1.397	2.717	1.967	4.470	2.952	1.956	1.446	2.370	---	---	2.253	2.517	15
16	1.308	2.735	2.023	4.268	2.897	1.926	1.486	2.441	---	---	2.230	2.482	16
17	1.290	2.798	1.840	4.110	2.931	1.834	1.502	2.680	---	---	2.179	2.583	17
18	1.289	2.695	1.833	3.946	3.056	1.758	1.506	3.027	---	---	2.270	2.556	18
19	1.292	2.590	1.862	3.735	3.012	1.749	1.409	3.110	---	---	2.569	2.332	19
20	1.522	2.567	1.933	3.606	2.930	1.683	1.501	3.337	---	---	2.470	2.170	20
21	1.487	2.681	1.982	3.474	2.862	1.647	1.657	3.248	---	---	2.757	2.074	21
22	1.430	3.091	1.930	3.446	2.900	1.843	1.604	3.160	---	---	2.727	2.067	22
23	1.416	3.334	1.817	3.363	2.730	1.882	1.521	2.861	---	---	2.779	2.109	23
24	1.316	3.340	1.885	3.213	2.441	1.980	1.452	2.749	---	---	2.700	1.993	24
25	1.255	3.115	1.823	3.023	2.268	2.113	1.364	2.500A	---	---	2.626	1.852	25
26	1.229	3.039	1.739	2.690	2.285	2.243	1.283	---	---	---	2.453	1.750	26
27	1.256	3.158	1.760A	2.566	2.235	2.200	1.322	---	---	---	2.479	1.667	27
28	1.263	3.284	1.800A	2.765	2.276	2.296	1.272	---	---	---	2.322	1.673	28
29	1.265		1.687	2.929	2.269	2.258	1.312	---	---	4.052A	2.112	1.784	29
30	1.239		1.851	2.971	2.322	2.224	1.362	---	---	4.025	2.095	1.831	30
31	1.144		2.199		2.341		1.330	---		3.930		1.916	31
MEAN	1.344	2.438	2.320	3.809	2.757	2.103	1.579	---	---	---	2.635	2.300	MEAN
MAX	1.522	3.340	3.512	5.194	3.255	2.452	2.114	---	---	---	3.765	2.875	MAX
MIN	1.144	1.060	1.687	2.337	2.235	1.647	1.272	---	---	---	2.095	1.667	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

A - MANUAL GAUGE

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 51 58 N
LONG 66 27 40 W

MAXIMUM DAILY, 5.194 ON APR 12
MINIMUM DAILY, 1.060 ON FEB 1
MAXIMUM INSTANTANEOUS,
5.286 AT 03:01 AST ON APR 12

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

NEW BRUNSWICK

SAINT JOHN RIVER AT OAK POINT - STATION NO. 01AP003

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.113	0.867	2.204	1.640	2.192	1.942	1.790	1.132	1.690	1.907	2.680	1.683	1
2	1.106	0.892	2.243	1.858	2.267	1.974	1.734	1.115	1.622	1.823	2.550	1.683	2
3	1.062	1.120	2.267	2.222	2.308	1.994	1.709	1.097	1.559	1.835	2.428	1.825	3
4	1.069	1.234	2.262	2.538	2.324	2.022	1.703	1.087	1.486	1.813	2.271	1.891	4
5	1.077	1.334	2.275	2.762	2.360	2.027	1.683	1.078	1.418	1.716	2.134	1.895	5
6	1.100	1.419	2.310	3.058	2.393	1.978	1.641	1.130	1.289	1.595	2.112	1.970	6
7	1.189	1.506	2.308	3.421	2.501	1.964	1.647	1.263	1.174	1.559	2.135	2.075	7
8	1.202	1.576	2.264	3.554	2.504	1.922	1.570	1.435	1.081	1.639	2.119	2.176	8
9	1.199	1.615	2.216	3.560	2.387	1.845	1.491	1.599	1.070	1.719	2.093	2.286	9
10	1.249	1.557	2.193	3.614	2.183	1.859	1.394	1.700	1.071	1.756	2.089	2.332	10
11	1.241	1.561	2.131	3.603	2.042	1.827	1.292	1.719	1.051	1.762	2.097	2.369	11
12	1.148	1.840	2.060	3.622	1.995	1.760	1.190	1.725	1.056	1.775	2.099	2.382	12
13	1.184	2.067	1.973	3.565	1.960	1.694	1.121	1.757	1.068	1.797	2.095	2.297	13
14	1.152	2.100	1.921	3.418	2.020	1.609	1.196	1.791	1.082	1.834	2.056	2.223	14
15	1.136	2.041	1.779	3.345	2.069	1.555	1.252	1.788	1.147	1.846	1.994	2.152	15
16	1.131	1.993	1.702	3.210	2.095	1.576	1.260	1.957	1.197	1.853	1.939	2.152	16
17	1.121	2.004	1.663	3.085	2.144	1.580	1.235	2.147	1.219	1.840	1.908	2.126	17
18	1.147	2.016	1.576	3.031	2.188	1.531	1.227	2.243	1.211	1.767	1.904	2.081	18
19	1.139	1.996	1.548	2.968	2.226	1.462	1.217	2.286	1.178	1.717	1.963	2.001	19
20	1.192	1.978	1.588	2.860	2.226	1.431	1.229	2.321	1.211	1.703	1.997	1.850	20
21	1.208	1.989	1.645	2.760	2.180	1.454	1.305	2.352	1.248	1.679	2.098	1.674	21
22	1.225	2.042	1.621	2.638	2.175	1.505	1.365	2.326	1.256	1.653	2.192	1.597	22
23	1.264	2.075	1.555	2.549	2.172	1.590	1.324	2.261	1.270	1.627	2.174	1.599	23
24	1.223	2.118	1.510	2.470	2.064	1.599	1.265	2.173	1.358	1.742	2.169	1.603	24
25	1.152	2.184	1.494	2.386	1.925	1.609	1.204	2.089	1.468	1.961	2.114	1.564	25
26	1.083	2.218	1.445	2.235	1.849	1.768	1.116	1.981	1.642	2.142	2.054	1.489	26
27	1.064	2.209	1.405	2.059	1.799	1.839	1.117	1.963	1.797	2.279	2.009	1.447	27
28	1.033	2.173	1.400	1.989	1.769	1.848	1.142	1.919	1.938	2.446	1.986	1.434	28
29	0.982		1.366	2.011	1.758	1.837	1.123	1.885	2.014	2.607	1.873	1.458	29
30	0.939		1.365	2.107	1.800	1.807	1.163	1.815	1.986	2.712	1.764	1.434	30
31	0.902		1.525		1.862		1.160	1.758		2.683		1.382	31
MEAN	1.130	1.776	1.833	2.805	2.121	1.747	1.350	1.771	1.362	1.896	2.102	1.875	MEAN
MAX	1.264	2.218	2.310	3.622	2.504	2.027	1.790	2.352	2.014	2.712	2.640	2.382	MAX
MIN	0.902	0.867	1.365	1.640	1.758	1.431	1.116	1.078	1.051	1.559	1.764	1.382	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 1.812
MAXIMUM DAILY, 3.622 ON APR 12
MINIMUM DAILY, 0.867 ON FEB 1
MAXIMUM INSTANTANEOUS,
3.742 AT 06:22 AST ON APR 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 31 11 N
LONG 66 04 44 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SAINT JOHN RIVER AT SAINT JOHN - STATION NO. 01AP005

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.087	0.822	---	1.596	2.096	1.879	1.734	1.091	1.621	1.887	2.545	1.636	1
2	1.075	0.840	---	1.805	2.199	1.889	1.685	1.050	1.568	1.831	2.472	1.608	2
3	1.023	1.048	---	2.169	2.251	1.894	1.623	1.031	1.508	1.814	2.358	1.787	3
4	1.024	1.167	2.250A	2.443	2.266	1.937	1.623	1.042	1.484	1.789	2.210	1.834	4
5	1.027	1.265	2.210	2.655	2.274	1.952	1.607	1.057	1.475	1.686	2.057	1.877	5
6	1.044	1.336	2.268	2.968	2.296	1.901	1.587	1.121	1.359	1.587	2.018	1.973	6
7	1.133	1.426	2.274	3.321	2.431	1.923	1.602	1.234	1.225	1.541	2.048	2.040	7
8	1.199	1.501	2.208	3.424	2.404	1.897	1.521	1.362	1.106	1.616	2.048	2.141	8
9	1.174	1.537	2.146	3.411	2.277	1.804	1.439	1.521	1.082	1.729	2.017	2.257	9
10	1.243	1.461	2.103	3.488	2.092	1.834	1.368	1.637	1.081	1.745	2.025	2.296	10
11	1.228	1.453	2.060	3.481	1.956	1.779	1.259	1.640	1.087	1.733	2.034	2.325	11
12	1.128	1.711	1.990	3.508	1.913	1.707	1.146	1.645	1.083	1.737	2.047	2.307	12
13	1.151	1.977	1.913	3.423	1.863	---	1.078	1.682	1.089	1.768	2.012	2.241	13
14	1.109	2.003	1.863	3.229	1.919	---	1.173	1.717	1.136	1.766	1.993	2.161	14
15	1.100	1.940	1.792	3.195	1.979	---	1.222	1.708	1.215	1.767	1.930	2.102	15
16	1.087	1.886	1.652	3.077	2.005	1.501A	1.200	1.862	1.252	1.772	1.916	2.098	16
17	1.082	1.891	1.673	2.962	2.065	1.501	1.185	2.080	1.278	1.800	1.878	2.050	17
18	1.103	1.900A	1.510	2.920	2.091	1.479	1.176	2.184	1.259	1.683	1.887	2.021	18
19	1.107	---	1.479	2.855	2.134	1.385	1.167	2.210	1.266	1.614	1.922	1.952	19
20	1.154	---	1.525	2.741	2.144	1.375	1.165	2.247	1.244	1.628	1.948	1.765	20
21	1.184	---	1.604	2.654	2.093	1.415	1.218	2.266	1.287	1.570	2.003	1.624	21
22	1.197	---	1.557	2.547	2.082	1.437	1.322	2.252	1.318	1.558	2.109	1.545	22
23	1.241	---	1.473	2.446	2.145	1.511	1.286	2.177	1.359	1.529	2.101	1.549	23
24	1.193	---	1.462	2.387	2.050	1.539	1.226	2.106	1.445	1.677	2.100	1.534	24
25	1.123	---	1.439	2.308	1.852	1.540	1.146	2.033	1.525	1.877	2.062	1.511	25
26	1.054	---	1.369	2.157	1.774	1.687	1.041	1.917	1.656	2.065	2.034	1.437	26
27	1.016	---	1.331	1.986	1.730	1.774	1.069	1.886	1.768	2.184	1.958	1.412	27
28	0.977	---	1.325	1.911	1.682	1.783	1.116	1.867	1.896	2.378	1.922	1.407	28
29	0.929		1.284	1.923	1.694	1.766	1.088	1.818	1.988	2.524	1.830	1.411	29
30	0.881		1.290	2.034	1.730	1.740	1.154	1.737	1.959	2.626	1.729	1.391	30
31	0.839		1.481		1.791		1.150	1.670		2.606		1.349	31
MEAN	1.094	---	---	2.701	2.041	---	1.302	1.705	1.387	1.842	2.040	1.827	MEAN
MAX	1.243	---	---	3.508	2.431	---	1.734	2.266	1.988	2.626	2.545	2.325	MAX
MIN	0.839	---	---	1.556	1.682	---	1.041	1.031	1.081	1.529	1.729	1.349	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 3.508 ON APR 12
MINIMUM DAILY, 0.822 ON FEB 1
MAXIMUM INSTANTANEOUS,
3.665 AT 04:12 AST ON APR 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 16 30 N
LONG 66 05 20 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SAINT JOHN RIVER AT SIMONDS - STATION NO. 01AJ009

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	44.077	43.666	45.997	---	44.468	---	---	42.071	42.936	43.490	44.621	42.915	1
2	44.054	43.867	45.669	---	44.491	---	---	41.844	42.984	43.422	44.330	42.937	2
3	44.372	44.351	45.120	---	44.380	---	---	41.924	42.803	43.355	44.121	42.864	3
4	---	44.267	44.981	---	44.223	---	---	42.042	42.448	43.032	43.964	42.842	4
5	---	44.374	44.738	---	44.121	---	---	42.290	42.466	43.007	43.841	43.280	5
6	---	44.400	44.458	---	44.065	---	---	42.554	42.461	43.287	43.685	43.235	6
7	---	44.391	44.312	---	44.082	---	---	43.431	42.032	43.458	43.641	43.065	7
8	---	44.030	44.140	---	---	---	---	45.478	42.239	43.495	43.682	43.512	8
9	---	44.186	43.813	---	---	---	---	45.344	42.368	43.475	43.724	43.535	9
10	---	44.463	43.467	---	---	---	---	44.660	42.460	43.658	43.636	43.530	10
11	- -	44.638	---	---	---	---	---	44.325	42.533	43.915	43.542	43.502	11
12	---	44.884	---	---	---	---	---	44.251	42.470	43.656	43.455	43.255	12
13	44.357	44.832	---	---	---	---	---	44.091	42.324	43.538	43.376	43.167	13
14	44.205	44.686	---	---	---	---	---	43.957	42.506	43.350	43.181	43.057	14
15	44.319	44.360	---	---	---	---	42.659	43.736	42.508	43.300	43.183	43.031	15
16	43.930	44.898	---	44.637	---	---	42.735	43.676	42.296	43.188	42.911	42.928	16
17	44.176	44.901	---	44.530	---	---	42.930	43.810	42.310	43.038	43.035	42.995	17
18	44.009	44.588	---	44.323	---	---	42.832	44.710	42.346	42.875	43.121	43.011	18
19	43.955	44.821	---	44.291	---	---	42.571	44.883	42.277	42.973	43.508	42.738	19
20	44.662	44.726	43.339	44.241	---	---	42.628	45.038	42.558	43.423	43.224	42.389	20
21	44.125	45.218	43.246	44.237	---	---	42.656	44.595	42.530	43.466	43.392	42.548	21
22	44.156	45.296	42.845	44.045	---	---	42.576	44.089	42.583	43.336	43.500	42.731	22
23	43.921	45.750	42.977	43.908	---	---	42.414	43.806	42.404	43.197	43.513	42.865	23
24	43.747	46.100	42.871	43.874	---	---	42.562	43.664	42.817	44.227	43.511	42.806	24
25	43.540	46.404	42.862	43.859	---	---	42.160	43.533	43.038	44.919	43.374	42.910	25
26	43.980	46.882	42.862	43.880	---	---	42.091	43.508	44.047	44.864	43.257	42.765	26
27	43.944	46.780	42.671	43.934	---	---	42.514	43.437	44.666	44.726	43.290	42.651	27
28	43.910	46.477	---	43.996	---	---	42.174	43.238	44.265	44.818	42.813	42.567	28
29	43.986		---	43.995	---	---	42.414	42.789	43.840	45.158	42.796	42.869	29
30	44.049		---	44.302	---	---	42.455	42.824	43.558	45.169	42.999	42.695	30
31	43.991		---		---		42.364	42.890		44.927		42.949	31
MEAN	---	44.937	---	---	---	---	---	43.629	42.769	43.738	43.474	42.972	MEAN
MAX	---	46.882	---	---	---	---	---	45.478	44.666	45.169	44.621	43.535	MAX
MIN	---	43.666	---	---	---	---	---	41.844	42.032	42.875	42.796	42.389	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 46.882 ON FEB 26
MINIMUM DAILY, 41.844 ON AUG 2
MAXIMUM INSTANTANEOUS,
48.361 AT 19:44 AST ON FEB 26

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 20 15 N
LONG 67 33 19 W

REGULATED

DRAINAGE AREA,
35 000 km²

SAINT JOHN RIVER BELOW MACTAQUAC - STATION NO. 01AK004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	143B	109B	2 010	827	1 820	1 030	581	127E	562 E	737E	2 370	766	1
2	435B	449B	1 780	1 840	1 760	1 100	598	104E	599 E	1 030E	2 000	795	2
3	586B	349B	1 380	2 280	1 460	1 060	762	210E	556 E	1 140E	1 920	619	3
4	148B	436B	1 400	2 290	1 770	913	667	296E	611 E	853E	1 330	706	4
5	402B	482B	1 330	2 370	1 740	957	505	349E	172 E	800E	1 540	999	5
6	371B	575B	1 170	4 500	1 880	641	847	654E	185 E	653E	1 110	1 250	6
7	285B	586B	701	4 600	1 960	952	567	1 370E	86.6E	1 060E	894	1 030	7
8	454B	370B	934	3 720	1 530	609	426	2 290E	278 E	1 530E	1 150	1 510	8
9	434B	512B	1 060	4 120	635	804	401	2 670E	246 E	1 620E	1 090	1 280	9
10	343B	747B	842	3 960	516	844	263	2 030E	307 E	1 160E	1 230	1 120	10
11	124B	717B	836	5 030	1 370	729	100	1 720A	296 A	905E	1 030	1 300	11
12	294B	1 120B	860	4 440	1 020	654	149	1 690	147	1 180E	1 040	791	12
13	447B	1 220B	878	3 460	1 460	598	479	1 520	111	1 150E	1 070	762	13
14	407B	818B	581	3 240	1 770	516	512	1 380	420	1 060F	672	824	14
15	309B	640	563	2 770	1 610	913	621A	1 050	371	856E	590	755	15
16	196B	1 080	627	2 520	1 820	673	497E	1 100	343	771E	730	732	16
17	351B	842	382	2 260	1 770	489	566E	1 360	349	773E	756	1 020	17
18	116B	832	360	2 160	1 890	498	477E	1 900	241	587E	910	797	18
19	540B	731	420	1 700	1 680	542	384E	2 090	211	905E	1 550	427	19
20	523B	729	665	1 750	1 530	331	741E	2 540	611	989E	857	372	20
21	322B	1 090	611	1 710	1 460	517	749E	2 020	764	1 090A	1 480	503	21
22	363B	1 750	291	2 000	1 820	796	514E	1 820	610	1 010	988	712	22
23	186B	2 000	546	1 740	1 150	595	367E	1 070	900	925	1 160	695	23
24	129B	2 380	664	1 580	690	857	433E	1 080	759 A	1 460	1 080	451	24
25	118B	2 570	549	1 100	744	1 070	119E	749	1 240 E	2 660	1 110	290	25
26	255B	2 460	594	652	1 020	812	142E	1 130	1 790 E	2 480	855	367	26
27	315B	1 690	707	1 060	886	845	420E	848	1 860 E	2 380	1 090	272	27
28	335B	2 000	834	1 720	1 020	1 050	233E	931	1 950 E	2 730	557	479	28
29	343B		596	1 870	1 020	856	375E	740	1 570 E	3 550	506	497B	29
30	298B	1 130	1 730	1 090	825	335E	515A	1 020 E	2 940	834	646B	30
31	252B	1 310		1 020		124E	708E		2 710		627	31
TOTAL	9 824	29 284	26 611	74 999	42 911	23 076	13 954	38 061	19 125.6	43 694	33 499	23 394	TOTAL
MEAN	317	1 050	858	2 500	1 380	769	450	1 230	638	1 410	1 120	755	MEAN
MAX	586	2 570	2 010	5 030	1 960	1 100	847	2 670	1 950	3 550	2 370	1 510	MAX
MIN	116	109	291	652	516	331	100	104	86.6	587	506	272	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 040
MAXIMUM DAILY, 5 030 ON APR 11
MINIMUM DAILY, 86.6E ON SEP 7
MAXIMUM INSTANTANEOUS,
5 400 AT 17:34 AST ON APR 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 57 44 N
LONG 66 49 51 W
DRAINAGE AREA, 39 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	849 000	JUL	1 210 000
FEB	2 530 000	AUG	3 290 000
MAR	2 300 000	SEP	1 650 000
APR	6 480 000	OCT	3 780 000
MAY	3 710 000	NOV	2 890 000
JUN	1 990 000	DEC	2 020 000

TOTAL DISCHARGE, 32 700 000 dam³

NEW BRUNSWICK

SAINT JOHN RIVER NEAR EAST FLORENCEVILLE - STATION NO. 01AJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	161B	135B	1 520	912	1 770	1 090	504	124	592	932	1 900	554	1
2	347B	306B	1 410	970	1 800	1 040	557	82.8	608	880	1 590	552	2
3	295B	348B	1 230	1 660	1 670	996	504	118	480	825	1 410	528	3
4	308B	313B	1 200	1 900	1 520	944	470	149	315	572	1 270	540	4
5	285B	325B	1 090	2 220	1 430	863	411	233	312	629	1 170	779	5
6	315B	361B	982	3 150	1 390	796	452	440	314	799	1 060	764	6
7	336B	312B	975	3 460	1 410	770	525	1 120	101	917	1 030	660	7
8	303B	706B	948	3 190	1 360	643	451	3 020	280	918	1 070	941	8
9	314B	322B	866	2 870	1 270	628	326	2 740	274	914	1 090	965	9
10	242B	444B	772	3 250	1 190	687	601	1 930	341	1 090	1 030	964	10
11	221B	516B	772	3 580	960	829	457	1 630	372	1 230	965	939	11
12	245B	565B	791	3 470	981	586	229	1 530	321	1 020	911	772	12
13	287B	497B	714	3 050	1 200	539	399	1 410	254	948	851	717	13
14	279B	462B	611	2 590	1 720	509	425	1 290	342	832	733	646	14
15	247B	397B	499	2 370	1 750	506	414	1 130	329	795	730	638	15
16	211B	658B	453	1 930	1 600	448	463	1 090	257	712	601	584	16
17	259B	601B	556	1 830	1 660	434	569	1 270	243	636	612	634	17
18	181B	541B	373	1 630	1 750	529	529	2 030	271	526	690	611	18
19	304B	637B	418	1 610	1 680	665	323	2 260	260	645	935	422	19
20	396B	649B	509	1 570	1 540	539	465	2 390	305	892	748	287	20
21	216B	845B	545	1 540	1 380	518	423	1 870	351	922	855	312B	21
22	249B	913B	348	1 380	1 250	455	367	1 380	366	847	928	415B	22
23	173B	1 370B	625	1 250	1 160	473	336	1 180	266	731	947	449B	23
24	115B	1 670B	525	1 240	1 050	800	343	1 070	499	1 620	950	436B	24
25	153B	1 990B	516	1 250	995	685	161	975	659	2 200	863	486B	25
26	227B	2 150B	527	1 260	940	773	171	959	1 540	2 170	789	405B	26
27	221B	2 030B	395	1 290	915	915	348	891	1 920	2 010	801	333B	27
28	211B	1 690	530	1 330	826	929	175	777	1 500	2 160	497	331B	28
29	217B		480	1 330	917	945	309	429	1 170	2 530	526	466B	29
30	236B		708	1 620	997	870	284	521	982	2 560	628	388B	30
31	184B		772		1 110		275	585		2 260		416B	31
TOTAL	7 738	21 753	22 660	60 702	41 191	21 404	12 266	36 623.8	15 824	36 722	28 180	17 934	TOTAL
MEAN	250	777	731	2 020	1 330	713	396	1 180	527	1 180	939	579	MEAN
MAX	396	2 150	1 520	3 580	1 800	1 090	601	3 020	1 920	2 560	1 900	965	MAX
MIN	115	135	348	912	826	434	161	82.8	101	526	497	287	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 885
MAXIMUM DAILY, 3 580 ON APR 11
MINIMUM DAILY, 82.8 ON AUG 2
MAXIMUM INSTANTANEOUS,
3 790 AT 02:20 AST ON APR 7

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 28 12 N
LONG 67 35 23 W
DRAINAGE AREA, 34 200 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	669 000	JUL	1 060 000
FEB	1 880 000	AUG	3 160 000
MAR	1 960 000	SEP	1 370 000
APR	5 240 000	OCT	3 170 000
MAY	3 560 000	NOV	2 430 000
JUN	1 850 000	DEC	1 550 000

TOTAL DISCHARGE, 27 900 000 dam³

SALMON RIVER AT CASTAWAY - STATION NO. 01AN002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.7 B	5.40B	55.5B	54.5	35.0	37.3	10.9	3.88	3.83	10.9	37.3	13.9	1
2	10.3 B	6.10B	49.0B	77.1	28.7	26.7	9.50	3.64	3.55	9.62	32.4	16.9	2
3	9.90B	14.0 B	44.0B	190	24.5	19.7	8.72	3.37	3.35	21.5	28.1	73.5	3
4	9.50B	35.5 B	39.4B	190	21.7	15.8	8.01	3.26	3.32	30.6	23.5	108	4
5	9.10B	31.0 B	35.5B	205	20.0	13.4	7.83	3.39	3.23	22.7	19.9	75.9	5
6	8.85B	29.0 B	32.0B	242	19.6	11.5	8.06	3.69	3.28	16.5	19.0	70.4	6
7	8.50B	26.1 B	28.2B	221	69.5A	13.8	8.33	5.42	3.16	17.0	34.2	97.7	7
8	9.50B	24.0 B	25.1	148	101 A	15.4	7.90	6.33	3.07	43.5	35.4	74.3	8
9	12.7 B	22.4 B	21.9	124	51.0A	13.4	7.57	5.62	3.05	41.7	29.9	53.6	9
10	11.6 B	20.6 B	20.6	156	28.5E	21.3	6.49	4.73	3.27	35.5	24.4	44.1	10
11	11.0 B	19.8 B	19.5	139	23.8E	31.9	6.06	4.24	3.25	29.3	20.3	38.5B	11
12	10.3 B	18.8 B	18.3	102	20.6E	25.5	6.13	3.97	3.08	22.3	19.1	35.5B	12
13	9.80B	53.0 B	17.8	75.4	23.0E	19.5	6.46	3.78	3.10	17.6	16.7	32.3	13
14	9.30B	47.0 B	17.4	59.1	26.2E	15.3	6.29	3.64	3.31	14.7	15.1	30.3	14
15	8.85B	42.3 B	16.5	62.0	23.0A	12.5	9.01	3.61	3.97	12.6	14.0	28.5	15
16	8.50B	39.0 B	17.4	54.1	21.1	11.1	9.75	5.64	3.97	11.1	13.4	41.8	16
17	8.10B	36.0 B	15.9	45.1	27.6	10.7	8.32	25.6	3.62	10.1	16.0	85.8	17
18	7.70B	33.2 B	39.2	43.1	48.4	10.0	6.90	58.4	3.34	9.35	30.0	58.8	18
19	7.35B	32.0 B	42.2	48.6	39.1	8.71	5.77	46.8	3.20	9.32	69.0	46.6	19
20	7.02B	30.5 B	34.7	46.3	30.7	8.07	6.55	25.9	5.32	10.8	57.6	3 9	20
21	6.90B	52.0 B	29.3	40.5	25.4	15.3	7.97	15.7	6.03	10.3	81.7	27.1	21
22	6.65B	77.5 B	25.4	35.3	21.5	25.6	9.43	10.9	5.15	9.35	94.2	23.7B	22
23	6.45B	125 B	23.4	31.2	18.8	30.2	8.24	8.70	8.00	8.61	60.2	20.0B	23
24	6.30B	110 B	23.4	28.8	17.9	23.2	6.68	8.02	11.1	32.3	42.4	18.5B	24
25	6.10B	100 B	22.6	27.3	17.0	18.4	5.60	7.58	45.5	64.4	33.2	17.0B	25
26	5.95B	88.0 B	21.8	25.9	15.8	31.2	4.79	6.21	37.6	43.7	27.8	16.3B	26
27	5.80B	79.0 B	23.2	23.8	14.4	39.0	4.55	5.51	23.4	41.3	23.7	15.6B	27
28	5.64B	69.0 B	21.6	22.1	13.4	26.7	5.29	5.24	16.9	78.7	21.3	15.0B	28
29	5.50B		23.5	21.2	13.0	17.4	4.94	4.90	15.8	123	19.5	14.4B	29
30	5.45B		31.0	35.1	13.5	13.2	4.42	4.47	12.8	79.3	16.3	13.7B	30
31	5.40B		44.4		19.4		4.20	4.12		49.1		13.2B	31
TOTAL	254.71	1 266.30	879.7	2 573.5	873.1	580.78	220.66	306.26	251.55	936.75	975.6	1 256.2	TOTAL
MEAN	8.22	45.2	28.4	85.8	28.2	19.4	7.12	9.88	8.39	30.2	32 5	40.5	MEAN
MAX	12.7	125	55.5	242	101	39.0	10.9	58.4	45.5	123	94.2	108	MAX
MIN	5.40	5.40	15.9	21.2	13.0	8.07	4.20	3.26	3.05	8.61	13.4	13.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.4
MAXIMUM DAILY, 242 ON APR 6
MINIMUM DAILY, 3.05 ON SEP 9
MAXIMUM INSTANTANEOUS,
264 AT 20:05 AST ON APR 6

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 17 28 N
LONG 65 43 24 W
DRAINAGE AREA, 1 050 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	22 000	JUL	19 100
FEB	109 000	AUG	26 500
MAR	76 000	SEP	21 700
APR	222 000	OCT	80 900
MAY	75 400	NOV	84 300
JUN	50 200	DEC	109 000

TOTAL DISCHARGE, 896 000 dam³

SHOGOMOC STREAM NEAR TRANS CANADA HIGHWAY - STATION NO. 01AK001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.47 B	0.920B	9.98	10.2	6.30	5.35	3.87	1.60	1.39	9.02	15.4	7.05	1
2	3.27 B	1.85 B	9.16	15.6	6.34	4.92	3.31	1.45	1.27	7.79	13.0	6.13	2
3	3.07 B	8.10 B	8.29	26.3	5.86	4.73	3.03	1.34	1.20	9.36	11.1	9.26	3
4	2.88 B	7.50 B	7.16	29.6	5.37	4.29	2.75	1.25	1.16	10.2	9.58	12.8	4
5	2.73 B	6.90 B	6.82	34.0	5.01	3.87	2.57	1.32	1.09	9.95	8.47	13.7	5
6	2.60 B	6.40 B	6.19	39.5	4.82	3.47	2.52	6.71	0.998	9.17	7.82	16.4	6
7	2.50 B	6.00 B	5.62	37.7	4.84	3.42	2.83	7.43	0.937	9.24	7.65	20.5	7
8	3.23 B	5.75 B	5.30	33.1	4.61	3.22	2.66	6.01	0.903	11.1	8.21	21.8	8
9	3.05 B	5.35 B	4.87	28.6	4.35	3.14	2.58	5.53	0.931	11.1	8.25	20.0	9
10	2.87 B	5.10 B	4.51	27.2	4.00	3.60	2.50	4.76	0.991	10.8	7.81	17.0	10
11	2.69 B	4.90 B	4.32	24.8	3.71	3.37	2.34	3.99	0.928	9.90	7.29	15.0	11
12	2.55 B	9.00 B	4.08	22.0	3.52	3.40	2.11	3.31	0.896	8.59	6.58	12.7	12
13	2.38 B	18.6	3.87	18.4	4.23	3.26	1.91	2.72	0.885	7.63	5.74	10.9	13
14	2.23 B	17.0	3.77	15.9	4.57	2.89	1.93	2.34	0.916	6.58	5.39	9.54	14
15	2.10 B	15.7	3.89	14.4	4.41	2.68	1.85	2.03	0.958	5.87	5.09	8.31	15
16	1.98 B	13.9	3.60B	12.6	4.49	2.65	1.70	3.75	0.944	5.36	4.83	8.58	16
17	1.85 B	12.0	3.65	11.6	5.02	2.93	1.62	6.40	0.916	4.95	6.08	9.46	17
18	1.72 B	10.3	5.19	10.8	5.10	2.80	1.59	7.25	0.877	4.53	8.79	9.52	18
19	1.60 B	8.79	4.60B	10.1	4.93	2.67	1.79	7.35	1.38	5.33	11.4	8.72	19
20	1.50 B	9.05	3.79	9.22	4.79	2.53	2.03	6.70	6.41	6.16	11.4	8.10B	20
21	1.40 B	10.2	3.56	8.63	4.41	3.35	2.36	5.43	6.08	6.30	14.8	7.55B	21
22	1.33 B	11.9	3.38	7.75	4.01	3.77	2.27	4.42	6.98	6.34	15.6	7.15B	22
23	1.27 B	14.6	3.23B	6.94	3.63	4.95	2.69	3.81	9.06	6.10	14.4	6.85B	23
24	1.20 B	13.2	3.13B	6.46	3.26	4.82	2.66	3.26	9.99	7.78	12.7	6.45B	24
25	1.16 B	12.6	3.08	6.55	3.05	4.85	2.51	2.75	22.6	9.12	10.8	6.19	25
26	1.12 B	11.5	3.07	6.53	2.93	5.91	2.37	2.37	21.0	9.47	9.26	5.87B	26
27	1.08 B	11.3	3.14	6.27	2.94	6.28	2.28	2.13	19.4	10.9	8.22	5.65B	27
28	1.04 B	10.8	3.19	5.91	3.50	5.89	2.07	1.98	16.5	16.1	7.55	5.55B	28
29	1.01 B		3.45	5.84	4.04	5.40	1.92	1.77	13.2	22.3	6.96	5.38B	29
30	0.980B		4.63	6.39	4.34	4.69	1.88	1.62	10.7	20.7	5.42	5.23	30
31	0.950B		7.82		4.97		1.72	1.50		18.3		5.08B	31
TOTAL	62.810	269.210	150.34	498.89	137.35	119.09	72.72	114.28	161.490	296.04	275.59	312.42	TOTAL
MEAN	2.03	9.61	4.85	16.6	4.43	3.97	2.35	3.69	5.38	9.55	9.19	10.1	MEAN
MAX	3.47	18.6	9.98	39.5	6.34	6.28	3.87	7.43	22.6	22.3	15.6	21.8	MAX
MIN	0.950	0.920	3.07	5.84	2.93	2.53	1.59	1.25	0.877	4.53	4.83	5.08	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.77
MAXIMUM DAILY, 39.5 ON APR 6
MINIMUM DAILY, 0.877 ON SEP 18
MAXIMUM INSTANTANEOUS,
39.9 AT 16:00 AST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 56 42 N
LONG 67 19 20 W
DRAINAGE AREA, 234 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 430	JUL	6 280
FEB	23 300	AUG	9 870
MAR	13 000	SEP	14 000
APR	43 100	OCT	25 600
MAY	11 900	NOV	23 800
JUN	10 300	DEC	27 000

TOTAL DISCHARGE, 214 000 dam³

SOUTHWEST CARAQUET RIVER AT BURNSVILLE - STATION NO. 01BL002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.00B	1.32B	4.21	7.34	13.8	5.98	2.75	1.35	1.24	3.53	4.64	4.77	1
2	2.25B	1.50B	3.97	9.18	12.4	5.03	2.66	1.30	1.21	2.71	4.49	4.94	2
3	2.20B	2.10B	3.80	16.2	11.4	4.42	2.53	1.26	1.13	9.36	4.27	9.22	3
4	2.15B	1.96B	3.63	16.4	10.4	4.04	2.44	1.47	1.08	9.45	3.94	13.5	4
5	2.10B	1.86B	3.58	21.3	9.94	3.77	2.34	1.47	1.08	6.44	3.75	10.3	5
6	2.06B	1.78B	3.33	27.1	9.75	3.49	2.21	1.67	1.11	4.89	3.75	17.7	6
7	2.02B	1.72B	3.21	24.5	21.2	3.62	2.32	5.32	1.10	5.27	4.18	29.4	7
8	1.97B	1.66B	3.01	18.6	17.1	3.35	2.12	5.47	1.03	32.5	5.50	17.7	8
9	1.94B	1.63B	2.97	16.6	11.7	3.31	2.05	4.04	1.12	29.1	6.00	13.6	9
10	1.90B	1.60B	2.83	23.3	9.71	14.6	1.94	3.72	1.40	13.2	5.05	12.2	10
11	1.87B	1.58B	2.74	24.8	8.49	16.2	1.80	3.28	1.23	8.86	4.47	11.5	11
12	1.83B	2.80B	2.71	19.0	7.96	9.94	1.80	2.66	1.20	7.05	4.23	9.49	12
13	1.78B	3.60B	2.61	15.4	7.67	7.66	1.75	2.24	1.18	6.14	3.87	8.14	13
14	1.75B	5.00B	2.58	13.6	7.59	6.31	2.23	1.90	1.13	5.32	3.72	7.21	14
15	1.72B	4.60B	2.50B	14.8	7.11	5.71	6.84	1.70	1.07	4.83	3.61	6.60	15
16	1.68B	4.40B	2.48B	12.2	6.58	5.20	6.89	2.55	1.04	4.75	3.52	6.61	16
17	1.65B	4.20B	2.48B	10.7	7.50	4.96	4.36	3.92	0.980	4.50	3.46	6.96	17
18	1.62B	3.90B	6.20B	10.7	9.71	4.86	3.42	6.60	0.924	4.21	3.91	6.30	18
19	1.59B	3.70B	7.00	10.5	8.10	4.31	3.58	4.95	1.04	4.20	7.20	5.81	19
20	1.56B	3.50B	6.75	10.4	7.05	3.93	2.89	3.54	7.53	4.19	8.13	5.38	20
21	1.53B	3.70B	6.32	9.69	6.22	3.90	2.50	2.64	5.67	3.97	19.1	5.13	21
22	1.50B	4.10B	5.66	8.96	5.77	3.78	2.33	2.16	3.66	3.87	26.3	4.95	22
23	1.48B	5.00B	5.10B	8.70	5.61	5.01	2.06	1.95	2.87	4.03	13.1	4.85	23
24	1.46B	6.40B	4.60B	8.87	5.39	4.30	1.88	1.84	2.46	7.46	9.22	4.61	24
25	1.44B	5.50B	4.30B	8.92	5.17	3.82	1.66	1.76	2.10	8.35	7.65	4.35	25
26	1.42B	4.61	4.05B	10.2	4.91	4.54	1.58	1.68	1.79	6.20	6.76	4.15B	26
27	1.40B	4.34	3.99	12.5	4.75	4.54	1.73	1.58	1.52	5.44	6.16	4.00B	27
28	1.38B	4.36	3.91	13.2	5.06	3.72	1.69	1.45	1.70	7.47	5.85	3.90B	28
29	1.36B		3.95	13.2	5.12	3.17	1.52	1.40	1.94	7.60	5.50	3.86	29
30	1.34B		4.94	15.8	5.10	2.85	1.48	1.37	3.43	6.01	5.13	3.78	30
31	1.33B		7.09		5.47		1.43	1.29		5.04		3.60B	31
TOTAL	53.28	92.42	126.50	432.66	263.73	160.32	78.78	79.53	55.984	235.94	196.46	254.51	TOTAL
MEAN	1.72	3.30	4.08	14.4	8.51	5.34	2.54	2.57	1.87	7.61	6.55	8.21	MEAN
MAX	2.25	6.40	7.09	27.1	21.2	16.2	6.89	6.60	7.53	32.5	26.3	29.4	MAX
MIN	1.33	1.32	2.48	7.34	4.75	2.85	1.43	1.26	0.924	2.71	3.46	3.60	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.56
MAXIMUM DAILY, 32.5 ON OCT 8
MINIMUM DAILY, 0.924 ON SEP 18
MAXIMUM INSTANTANEOUS,
45.1 AT 23:07 AST ON OCT 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 42 20 N
LONG 65 09 18 W
DRAINAGE AREA, 173 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 600	JUL	6 810
FEB	7 990	AUG	6 870
MAR	10 900	SEP	4 840
APR	37 400	OCT	20 400
MAY	22 800	NOV	17 000
JUN	13 900	DEC	22 000

TOTAL DISCHARGE, 176 000 dam³

SOUTHWEST MIRAMICHI RIVER AT BLACKVILLE - STATION NO. 01BO001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	31.5B	27.0B	160 B	147	346	163	77.4	31.5	24.3	88.4	228	115	1
2	31.0B	50.0B	148 B	186	299	148	69.9	29.0	23.3	82.4	206	107 A	2
3	29.9B	80.0B	140 B	398	269	120	64.8	26.7	22.6	100	189	375 E	3
4	29.0B	120 B	131 B	509	248	102	59.8	25.5	22.2	178	169	330 E	4
5	28.0B	141 B	125 B	568	232	91.7	56.2	25.4	21.7	168	154	288 E	5
6	27.0B	142 B	118 B	729	234	83.1	54.4	25.3	21.6	140	143	310 E	6
7	31.0B	135 B	111 B	817	322	82.0	54.8	36.4	21.2	125	152	357 A	7
8	34.0B	125 B	104 B	636	331	109	61.2	58.2	20.7	211	173	427	8
9	39.0B	119 B	100 B	578	252	107	59.3	53.3	21.0	242	178	362	9
10	37.0B	100 B	94.0B	723	212	109	53.8	41.3	22.4	202	154	297	10
11	35.0B	100 B	89.0B	847	194	141	49.5	35.7	26.0	166	134	263	11
12	33.1B	150 B	84.0B	676	181	126	48.5	33.0	27.6	144	125	234	12
13	32.5B	203 B	79.0B	506	193	108	49.0	30.4	26.1	127	115	205	13
14	31.5B	238 B	74.0B	399	353	96.0	42.4	27.7	26.0	115	103	177	14
15	30.5B	210 B	70.0B	375	307	85.0	45.7	25.3	26.4	106	102	190	15
16	30.0B	180 B	71.0B	349	240	77.1	44.2	28.1	26.9	98.1	101	195	16
17	29.0B	162 B	78.0B	297	237	74.1	43.1	48.4	28.1	92.2	105	224	17
18	28.5B	148 B	110 B	271	320	73.8	42.6	110	26.6	84.5	134	200	18
19	28.0B	135 B	130 B	283	272	66.4	40.8	123	24.6	81.2	188E	175	19
20	27.3B	139 B	110 B	290	226	59.2	38.4	84.9	49.0	121	246E	160	20
21	26.9B	148 B	100 B	258	196	69.5	38.6	57.0	159	128	308E	140	21
22	26.5B	170 B	96.0B	231	176	106	38.1	43.4	124	108	328	134	22
23	26.0B	215 B	92.0B	210	158	138	37.1	37.3	97.2	95.9	285	125 B	23
24	25.0B	240 B	89.0B	207	145	178	35.4	34.3	136	120	224	120 B	24
25	24.5B	240 B	85.0	211	135	135	33.8	33.7	188	275	186	112 B	25
26	24.1B	210 B	82.4	205	129	127	30.4	34.2	209	251	167	108 B	26
27	24.0B	192 B	80.0	202	126	166	29.6	32.0	146	215	155	100 B	27
28	23.8B	182 B	76.4	204	125	148	32.7	30.5	113	254	139	95.0B	28
29	23.5B		83.6	207	125	112	35.1	28.9	105	443	138	90.0B	29
30	23.2B		93.9	304	135	91.0	34.4	27.0	96.6	386	124	87.0B	30
31	24.0B		115		138		32.6	25.0		282		84.0B	31
TOTAL	894.3	4 301.0	3 119.3	11 823	6 858	3 291.9	1 433.6	1 282.4	1 882.1	5 229.7	5 153	6 186.0	TOTAL
MEAN	28.8	154	101	394	221	110	46.2	41.4	62.7	169	172	200	MEAN
MAX	39.0	240	160	847	353	178	77.4	123	209	443	328	427	MAX
MIN	23.2	27.0	70.0	147	125	59.2	29.6	25.0	20.7	81.2	101	84.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 141
MAXIMUM DAILY, 847 ON APR 11
MINIMUM DAILY, 20.7 ON SEP 8
MAXIMUM INSTANTANEOUS,
873 AT 10:53 AST ON APR 11

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 44 10 N
LONG 65 49 36 W
DRAINAGE AREA, 5 050 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	77 300	JUL	124 000
FEB	372 000	AUG	111 000
MAR	270 000	SEP	163 000
APR	1 020 000	OCT	452 000
MAY	593 000	NOV	445 000
JUN	284 000	DEC	534 000

TOTAL DISCHARGE, 4 450 000 dam³

SPEDNIC LAKE AT ST. CROIX - STATION NO. 01AR010

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	117.033	116.435	116.902	116.671	117.300	116.997	116.698	116.324	116.221	116.782	117.200	117.083	1
2	117.004	116.425	116.918	116.748	117.303	116.988	116.676	116.310	116.217	116.790	117.206	117.044	2
3	116.981	116.457	116.943	116.857	117.293	116.964	116.659	116.289	116.208	116.835	117.230	117.058	3
4	116.955	116.452	116.965	116.958	117.283	116.946	116.645	116.267	116.181	116.871	117.213	117.072	4
5	116.932	116.451	116.971	117.061	117.280	116.922	116.629	116.235	116.154	116.892	117.195	117.109	5
6	116.912	116.451	116.977	117.156	117.279	116.889	116.604	116.235	116.133	116.918	117.176	117.148	6
7	116.891	116.442	116.985	117.268	117.291	116.882	116.587	116.244	116.113	116.957	117.164	117.201	7
8	116.886	116.445	116.978	117.347	117.254	116.851	116.560	116.237	116.097	117.000	117.158	117.257	8
9	116.874	116.450	116.972	117.421	117.220	116.822	116.533	116.221	116.097	117.029	117.146	117.291	9
10	116.858	116.445	116.958	117.478	117.198	116.826	116.511	116.198	116.100	117.045	117.135	117.315	10
11	116.840	116.458	116.943	117.515	117.184	116.804	116.494	116.175	116.089	117.048	117.113	117.297	11
12	116.825	116.519	116.929	117.535	117.175	116.798	116.461	116.148	116.086	117.044	117.104	117.274	12
13	116.811	116.551	116.902	117.521	117.183	116.790	116.422	116.129	116.080	117.040	117.099	117.263	13
14	116.794	116.578	116.900	117.487	117.200	116.777	116.437	116.128	116.064	117.034	117.082	117.250	14
15	116.774	116.604	116.898	117.535	117.185	116.765	116.450	116.127	116.048	117.030	117.068	117.248	15
16	116.753	116.620	116.866	117.459	117.178	116.747	116.448	116.137	116.043	117.011	117.058	117.261	16
17	116.740	116.643	116.872	117.433	117.219	116.731	116.431	116.185	116.035	117.013	117.036	117.259	17
18	116.718	116.656	116.864	117.425	117.231	116.711	116.431	116.237	116.027	116.985	117.042	117.249	18
19	116.690	116.662	116.844	117.428	117.220	116.678	116.449	116.239	116.035	116.984	117.071	117.248	19
20	116.663	116.675	116.825	117.415	117.213	116.654	116.463	116.238	116.104	116.982	117.098	117.244	20
21	116.638	116.697	116.806	117.430	117.214	116.660	116.463	116.245	116.111	116.968	117.093	117.232	21
22	116.626	116.736	116.775	117.429	117.214	116.650	116.484	116.254	116.109	116.958	117.107	117.214	22
23	116.609	116.772	116.747	117.373	117.196	116.688	116.475	116.254	116.108	116.947	117.135	117.211	23
24	116.593	116.810	116.700	117.339	117.158	116.678	116.459	116.252	116.218	116.989	117.144	117.203	24
25	116.580	116.843	116.675	117.342	117.110	116.677	116.436	116.257	116.440	116.997	117.144	117.190	25
26	116.562	116.867	116.657	117.337	117.085	116.701	116.410	116.261	116.548	117.015	117.151	117.184	26
27	116.542	116.876	116.635	117.316	117.066	116.709	116.407	116.256	116.620	117.046	117.147	117.161	27
28	116.521	116.885	116.611	117.303	117.051	116.713	116.403	116.251	116.681	117.097	117.124	117.138	28
29	116.496		116.595	117.275	117.040	116.725	116.375	116.248	116.738	117.153	117.107	117.122	29
30	116.474		116.602	117.302	117.030	116.712	116.362	116.236	116.773	117.181	117.100	117.107	30
31	116.457		116.630		117.004		116.348	116.229		117.200		117.094	31
MEAN	116.743	116.604	116.834	117.305	117.189	116.782	116.491	116.227	116.216	116.995	117.128	117.194	MEAN
MAX	117.033	116.885	116.985	117.535	117.303	116.997	116.698	116.324	116.773	117.200	117.230	117.315	MAX
MIN	116.457	116.425	116.595	116.671	117.004	116.650	116.348	116.127	116.027	116.782	117.036	117.044	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 116.810
MAXIMUM DAILY, 117.535 ON APR 12
MINIMUM DAILY, 116.027 ON SEP 18
MAXIMUM INSTANTANEOUS,
117.631 AT 03:43 AST ON APR 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 34 09 N
LONG 67 25 41 W

REGULATED SINCE 1967

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

ST. CROIX RIVER AT BARING - STATION NO. 01AR005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	60.9B	62.3B	119	102	87.5	83.3	73.9	70.8	47.0E	150	160	89.2	1
2	61.7B	62.9B	117	171	86.7	84.1	75.0	68.8	45.3E	138	138	144	2
3	62.3B	63.1B	109	270	86.4	83.0	74.8	72.8	44.7E	148	98.5	192	3
4	61.4B	64.6B	94.0	292	85.5	76.7	70.2	72.5	43.9E	144	82.1	200	4
5	60.9B	67.7B	88.3	268	85.0	77.9	66.3	69.4	43.6E	131	75.0	213	5
6	61.7B	68.8B	86.7	263	86.1	77.3	68.8	81.6	43.6E	128	92.0	230	6
7	62.3B	71.4B	85.0	253	88.7	80.4	69.4	81.3	43.3E	130	92.6	244	7
8	63.1B	76.5B	82.4	231	85.0	83.3	70.2	80.4	43.3E	122	91.5	242	8
9	62.9B	95.1	82.7	173	84.7	84.4	67.7	85.2	43.3E	114	89.5	237	9
10	62.3B	102	82.1	170	85.0	86.9	68.8	78.4	43.7E	114	89.2	228	10
11	62.9B	107	81.0	166	84.6	86.7	71.9	81.6	56.6E	112	86.9	214	11
12	63.7B	159	81.8	163	84.2	84.1	69.7	81.3	52.4E	104	85.0	192	12
13	63.7B	174	82.4	158	40.8	78.2	68.8	75.9	48.1E	103	86.4	191	13
14	63.4B	170	82.7	154	40.2	79.6	70.5	54.4	47.0E	103	85.0	181	14
15	62.9B	152	82.1	161	47.9	79.3	70.2	71.1	45.3E	97.1	85.0	161	15
16	62.9B	131	77.9	157	61.4	83.0	69.1	133	42.5	91.2	85.2	165	16
17	62.6B	123	78.2	157	82.1	82.4	68.8	161	42.5	91.2	89.5	165	17
18	62.3B	116	82.1	156	89.5	81.6	68.2	172	41.9	89.5	96.3	166	18
19	62.3B	108	75.3	148	88.3	78.4	69.9	151	44.2	85.8	105	158	19
20	62.3B	109	67.7	110	87.5	70.5	66.3	133	54.4	85.5	133	157	20
21	62.6B	110	78.2	86.4	85.8E	75.9	79.9	101	56.4	84.7	185	151	21
22	62.6B	111	78.7	85.8	85.0E	82.7	75.0	77.3	54.1	85.0	190	125	22
23	62.3B	119	81.0	84.1	84.7E	87.5	72.8	78.7	56.4	84.7	190	113	23
24	62.3B	126	82.4	86.1	83.8E	88.6	72.8	58.9	126	88.6	183	113	24
25	62.3B	125	78.4	88.1	83.5E	93.2	70.8	70.2E	241	88.9	174	114	25
26	62.0B	121	79.3	85.5	83.3E	91.2	69.9	72.5E	343	89.2	167	113	26
27	62.0B	121	72.5	84.7	77.9E	86.4	71.4	72.2E	309	90.6	153	112	27
28	62.0B	122	71.6	84.4	78.7	83.5	66.8	65.1E	260	87.5	140	108	28
29	62.3B		76.5	84.7	81.6	79.3	68.0	52.4E	213	119	139	103	29
30	62.3B		85.5	87.5	81.3	69.4	69.7	49.6E	182	127	121	103	30
31	62.0B		98.0		81.6		73.1	48.4E		166		106	31
TOTAL	1 933.2	3 038.4	2 619.5	4 580.3	2 414.3	2 458.8	2 188.7	2 621.8	2 777.5	3 392.5	3 587.7	5 030.2	TOTAL
MEAN	62.4	109	84.5	153	77.9	82.0	70.6	84.6	92.6	109	120	162	MEAN
MAX	63.7	174	119	292	89.5	93.2	79.9	172	343	166	190	244	MAX
MIN	60.9	62.3	67.7	84.1	40.2	69.4	66.3	48.4	41.9	84.7	75.0	89.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 100
MAXIMUM DAILY, 343 ON SEP 26
MINIMUM DAILY, 40.2 ON MAY 14
MAXIMUM INSTANTANEOUS,
348 AT 21:00 EST ON SEP 25

SUMMARY FOR THE YEAR 1981

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 08 12 N
LONG 67 19 05 W
DRAINAGE AREA, 3 600 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	167 000	JUL	189 000
FEB	263 000	AUG	227 000
MAR	226 000	SEP	240 000
APR	396 000	OCT	293 000
MAY	209 000	NOV	310 000
JUN	212 000	DEC	435 000

TOTAL DISCHARGE, 3 170 000 dam³

ST. CROIX RIVER AT VANCEBORO - STATION NO. 01AR004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	32.3E	30.3E	25.1E	11.6	23.8	41.6	29.7	27.9	11.6	12.3E	43.9	41.6	1
2	32.3E	35.1E	20.5E	11.7	23.8	41.6	29.7	27.9	11.6	12.3E	43.9	42.2	2
3	32.3E	35.1E	16.3E	12.1	23.8	41.6	29.7	27.8	17.8	12.3E	43.9	42.5	3
4	32.3E	35.1E	16.3E	12.5	23.7	41.1	29.4	27.8	24.2	12.4E	43.6	42.5	4
5	32.3E	35.1E	16.5E	12.8	23.7	41.1	29.4	27.6	23.9	12.4E	43.6	42.8	5
6	32.0E	34.8E	16.5E	13.3	23.7	40.8	29.4	27.9	23.9	12.4E	43.6	43.0	6
7	32.0E	34.8E	25.2E	13.7	23.7	40.8	32.8	27.9	16.9	12.5E	43.3	43.6	7
8	32.0E	34.8E	25.2E	13.8	29.4	40.8	37.9	28.1	11.5	12.5E	43.3	43.6	8
9	32.0E	28.3E	25.1E	24.1	33.7	40.2	37.7	27.9	11.4	12.9E	43.0	49.0	9
10	31.7E	23.8E	22.7E	35.7	27.2	34.3	37.1	27.8	11.4	22.7	43.0	66.5	10
11	31.7E	23.8E	24.2	35.7	18.2	20.7	37.1	27.6	11.4	32.6	38.8	81.6	11
12	31.7E	23.9E	28.3	35.7	18.2	23.9	36.8	27.5	11.4	32.6	33.1	66.0	12
13	31.7E	23.9E	28.3	68.2	18.3	30.3	36.5	24.6	11.4	32.6	32.8	53.8	13
14	31.7E	24.0E	26.6	83.5	18.3	30.3	27.5	17.0	11.4	32.6	32.8	53.8	14
15	31.4E	24.0E	30.6	81.8	18.2	34.8	20.4	16.8	15.4	32.3	32.6	53.8	15
16	31.4E	24.0E	30.6	75.0	18.2	36.5	20.3	18.2	19.8	32.3	32.6	54.1	16
17	31.4E	24.2E	30.9	62.0	18.3	39.4	20.3	11.4	19.8	32.3	32.6	53.8	17
18	31.4E	24.3E	36.0	57.5	18.3	39.1	20.2	11.6	19.7	32.3	32.8	53.8	18
19	31.1E	24.4E	40.5	54.1	15.3	34.5	20.3	11.6	19.8	32.3	38.2	54.1	19
20	31.1E	24.6E	39.9	43.3	13.2	29.4	20.3	11.6	20.2	32.0	42.8	53.8	20
21	31.1E	24.6E	39.6	34.5	13.2	29.4	20.7	11.6	20.2	32.0	43.0	53.5	21
22	30.9E	24.7E	39.4	39.9	28.9	24.4	25.5	11.6	20.0E	32.0	43.3	53.5	22
23	30.9E	24.7E	39.1	45.0	38.8	21.6	28.3	11.6	20.2E	26.9	43.3	51.8	23
24	30.9E	24.7E	39.1	44.7	38.5	21.5	28.1	11.7	15.3E	23.2	43.0	45.9	24
25	30.9E	24.7E	28.2	44.7	38.2	21.5	28.3	11.7	12.0E	23.2	42.8	45.6	25
26	30.6E	24.8E	28.1	44.5	37.7	21.6	28.1	12.0	12.1E	23.3	42.8	45.6	26
27	30.6E	24.9E	31.7	38.8	37.7	21.6	28.1	12.3	12.1E	27.7	42.5	45.3	27
28	30.6E	25.1E	26.1	34.0	37.9	21.6	28.1	12.6	12.2E	36.5	42.5	45.3	28
29	30.3E		25.0	34.0	40.2	25.9	28.1	13.2	12.2E	43.3	42.5	45.0	29
30	30.3E		23.5	28.3	41.9	29.7	27.9	12.0	12.2E	43.6	42.5	45.0	30
31	30.3E		14.9		41.9		28.1	11.6		43.9		44.7	31
TOTAL	973.2	766.5	860.0	1 146.5	826.1	961.6	881.8	583.4	473.0	814.2	1 212.4	1 557.1	TOTAL
MEAN	31.4	27.4	27.7	38.2	26.6	32.1	28.4	18.8	15.8	26.3	40.4	50.2	MEAN
MAX	32.3	35.1	40.5	83.5	41.9	41.6	37.9	28.1	24.2	43.9	43.9	81.6	MAX
MIN	30.3	23.8	14.9	11.6	13.2	20.7	20.2	11.4	11.4	12.3	32.6	41.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.3
MAXIMUM DAILY, 83.5 ON APR 14
MINIMUM DAILY, 11.4 ON AUG 17
MAXIMUM INSTANTANEOUS,
100 AT 15:15 EST ON APR 13

SUMMARY FOR THE YEAR 1981

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 34 10 N
LONG 67 25 45 W
DRAINAGE AREA, 1 080 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	80 100	JUL	76 200
FEB	66 200	AUG	50 400
MAR	74 300	SEP	40 900
APR	99 100	OCT	70 300
MAY	71 400	NOV	105 000
JUN	83 100	DEC	135 000

TOTAL DISCHARGE, 956 000 dam³

ST. CROIX RIVER NEAR BAILEYVILLE - STATION NO. 01AR003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	58.6	60.0	116 E	88.6	83.3	83.8	75.9	75.3	46.7	131	151	86.7	1
2	58.9	60.3	114 E	138	83.0	84.4	81.6	75.6	45.6	133	122	138	2
3	59.7	61.7	99.1E	237	83.0	81.8	74.8	75.6	44.7	135	87.5	164	3
4	59.7	63.1	90.6E	264	82.7	69.4	75.3	73.3	43.9	133	79.0	189	4
5	59.2	65.4	87.8E	247	82.4	79.0	67.4	74.8	43.6	129	78.4	197	5
6	59.5	68.0	84.4E	240	82.1	79.6	72.2	74.8	43.3	123	83.5	208	6
7	60.3	70.2	83.5E	236	82.4	81.8	70.8	72.2	43.3	119	83.5	220	7
8	61.7	71.9	82.7E	212	82.4	85.5	71.4	78.4	42.8	116	83.5	223	8
9	61.7	81.6	82.1E	170	82.7	85.8	73.1	84.1	42.2	112	83.8	220	9
10	61.4	97.1	81.3E	157	82.1	86.1	73.9	75.6	57.8	108	83.5	213	10
11	61.7	98.3	80.7E	157	64.8	83.5	73.9	89.5	54.1	104	83.0	198	11
12	62.0	122	81.3	154	30.0	80.1	74.5	82.7	48.1	103	83.3	184	12
13	61.7	152	81.6	151	29.7	79.0	71.4	77.0	47.0	101	83.8	185	13
14	61.7	152	81.3	150	34.5	81.8	72.2	58.3	45.9	97.7	83.8	171	14
15	61.7	139	81.0	152	58.9	82.1	75.6	64.0	44.2	94.6	83.5	157	15
16	61.4	120	79.9	151	56.9	84.7	71.4	93.2	43.3	91.2	83.5	157	16
17	61.4	116	75.9	150	75.6	83.5	74.2	146	42.8	87.8	83.8	158	17
18	61.2	107 E	77.0	148	84.4	84.1	75.0	162	42.5	85.0	84.1	153	18
19	61.2	101 E	72.5	132	83.8	77.6	71.9	146	42.8	85.0	100	149	19
20	60.9	102 E	70.8	99.4	83.3	73.1	69.9	131	47.6	79.9	134	148	20
21	60.6	103 E	81.3	83.3	83.3	80.1	81.0	102	51.0	84.4	161	136	21
22	60.3	105 E	79.9	83.5	83.0	80.4	73.9	80.4	52.1	82.7	172	116	22
23	60.6	119 E	83.0	82.4	82.4	88.1	74.2	81.8	52.7	82.4	176	107	23
24	60.3	119 E	75.9	82.1	82.1	90.6	68.5	58.0	73.6	84.4	171	104	24
25	60.3	118 E	80.1	82.7	82.4	90.3	68.5	66.0	229	84.4	164	109	25
26	60.3	118 E	75.9	83.3	82.1	88.6	72.2	70.8	311	78.4	159	108	26
27	60.0	117 E	70.8	83.0	75.3	87.2	71.9	72.5	279	69.9	143	108	27
28	60.0	116 E	70.5	82.1	77.6	85.2	71.4	56.1	233	83.0	133	108	28
29	60.0		75.3	82.4	79.0	79.3	71.9	49.0	201	111	133	104	29
30	60.0		78.7	83.0	77.6	70.5	73.3	48.4	176	127	117	102	30
31	60.0		85.5		77.6		75.3	47.3		153		103	31
TOTAL	1 878.0	2 819.6	2 560.4	4 261.8	2 309.8	2 467.0	2 268.5	2 541.7	2 570.6	3 208.8	3 367.5	4 723.7	TOTAL
MEAN	60.6	101	82.6	142	74.5	82.2	73.2	82.0	85.7	104	112	152	MEAN
MAX	62.0	152	116	264	84.4	90.6	81.6	162	311	153	176	223	MAX
MIN	58.6	60.0	70.5	82.1	29.7	69.4	67.4	47.3	42.2	69.9	78.4	86.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 95.8
MAXIMUM DAILY, 311 ON SEP 26
MINIMUM DAILY, 29.7 ON MAY 13
MAXIMUM INSTANTANEOUS,
317 AT 03:45 EST ON SEP 26

SUMMARY FOR THE YEAR 1981

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 15 55 N
LONG 67 28 35 W
DRAINAGE AREA, 3 420 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	162 000	JUL	196 000
FEB	244 000	AUG	220 000
MAR	221 000	SEP	222 000
APR	368 000	OCT	277 000
MAY	200 000	NOV	291 000
JUN	213 000	DEC	408 000

TOTAL DISCHARGE, 3 020 000 dam³

ST. FRANCIS RIVER AT OUTLET OF GLAZIER LAKE - STATION NO. 01AD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.33	4.90	86.5	23.1	75.8	43.2	28.6A	10.2	18.5	9.89	57.7	19.9	1
2	8.29	5.31	76.3	30.1	82.1	42.1	26.0A	9.83	17.0	11.3	52.7	18.7	2
3	8.19	5.79	67.3	36.1	82.6	39.0	24.0A	9.43	16.1	13.4	48.3	18.3	3
4	8.11	5.97	60.1	41.1	78.5	36.1	22.1A	8.64	15.2	15.1	43.3	18.1	4
5	7.95B	6.20	53.8	47.7	74.4	33.1	20.5A	8.66	14.2	16.4	39.9	17.9	5
6	7.80B	6.58	49.3	61.8	71.1	29.8	19.9A	12.8	13.4	17.4	37.3	17.9	6
7	7.70B	7.00	44.8	83.5	70.1	27.8	18.4A	31.0	12.7	19.3	36.5	18.5	7
8	7.60B	7.71	41.4	98.8	69.6	24.3A	18.0	78.5	11.8	22.3	36.0	19.1	8
9	7.50B	8.55	38.4	102	67.9	22.8A	17.3	124	11.2	29.9	35.8	19.6	9
10	7.40	8.90	35.4	104	64.3	21.4A	16.6	139	11.3	40.2	35.4	20.0	10
11	7.38	9.34	32.3	113	60.1	20.5A	15.8	143	11.0	45.1	34.0	20.1	11
12	7.32	10.6	30.0	125	57.2	19.5A	15.1	135	10.9	44.9	31.6	19.9	12
13	7.08	11.2	28.3	129	61.6	18.5A	14.3	128	10.7	41.6	29.1	19.0	13
14	6.97	13.0	26.8	124	72.2	17.5A	14.3	120	10.4	38.2	27.5	18.0	14
15	6.68	15.2	24.8	116	87.6	16.5A	14.5	104	10.0	35.1	25.8	17.2	15
16	6.75	17.3	22.9	106	92.5	16.2A	14.7	89.0	9.70	32.4	24.3	16.8	16
17	6.67	19.4	22.0	97.2	90.7	16.8A	14.4	77.1	9.26	29.8	23.3	16.7	17
18	6.57	21.1	21.1	89.1	87.6	16.7A	14.3	73.3	8.83	27.7	22.2	15.9	18
19	6.43	23.2	19.3	82.0	84.5	16.7A	13.9	68.3	8.46	26.9	22.4	15.4	19
20	6.22	26.4	18.3	76.2	77.8	16.2A	13.2	62.0	8.40	26.9	22.1	15.4	20
21	6.17	30.7	17.8	72.4	70.1	15.5E	13.1	55.1	8.33	27.4	22.1	14.8	21
22	6.01	38.9	17.4	67.2	63.1	14.8A	13.3	48.8	8.18	27.8	23.1	14.3	22
23	5.89	55.2	17.1	61.7	56.9	15.5A	13.1	43.2	8.20	27.6	23.9	14.0	23
24	5.80	80.4	16.7	57.9	51.8	17.0A	12.8	39.6	8.80	30.0	24.6	13.8	24
25	5.74	101	16.6	55.9	46.8	20.2A	12.6	35.6	8.92	35.3	24.8	13.6	25
26	5.65	108	16.0	55.3	42.8	24.7A	11.9	31.6	8.65	41.4	24.3	13.4	26
27	5.40	106	15.6	56.0	40.2	28.8A	11.8	28.1	8.52	45.8	23.6	13.0	27
28	5.25	96.7	15.2	58.0	37.5	32.9A	11.3	25.7	8.84	51.8	23.1	12.8	28
29	5.17		15.1	61.2	36.6	33.7A	11.1	23.4	8.95	60.0	21.7	12.3	29
30	5.10		15.4	67.0	38.1	31.5A	10.8	21.5	9.04	64.2	20.7	12.4	30
31	5.01		18.4		41.5		10.7	19.9		62.9		12.2	31
TOTAL	208.13	850.55	980.4	2 298.3	2 033.6	729.3	488.4	1 804.26	325.48	1 017.99	917.1	509.0	TOTAL
MEAN	6.71	30.4	31.6	76.6	65.6	24.3	15.8	58.2	10.8	32.8	30.6	16.4	MEAN
MAX	8.33	108	86.5	129	92.5	43.2	28.6	143	18.5	64.2	57.7	20.1	MAX
MIN	5.01	4.90	15.1	23.1	36.6	14.8	10.7	8.64	8.18	9.89	20.7	12.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.3
MAXIMUM DAILY, 143 ON AUG 11
MINIMUM DAILY, 4.90 ON FEB 1
MAXIMUM INSTANTANEOUS,
144 AT 12:09 AST ON AUG 11

SUMMARY FOR THE YEAR 1981

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 12 25 N
LONG 68 57 25 W
DRAINAGE AREA, 1 350 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	18 000	JUL	42 200
FEB	73 500	AUG	156 000
MAR	84 700	SEP	28 100
APR	199 000	OCT	88 000
MAY	176 000	NOV	79 200
JUN	63 000	DEC	44 000

TOTAL DISCHARGE, 1 050 000 dam³

TETAGOUCHE RIVER NEAR WEST BATHURST - STATION NO. 01BJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.00B	1.66B	9.60B	14.5B	47.3	10.8	5.42	1.82	2.13	5.79	15.3	6.40B	1
2	2.90B	1.65B	9.20B	19.0B	45.9	9.49	4.79	1.72	1.96	5.25	14.2	8.60B	2
3	2.80B	1.80B	8.72B	29.0B	46.5	8.57	4.28	1.59	1.90	18.8	13.0	13.0 B	3
4	2.70B	1.93B	8.40B	34.0B	43.8	7.93	3.79	1.79	1.78	18.1	11.3	16.3 B	4
5	2.60B	2.60B	8.10B	48.0B	44.4	7.26	3.66	1.64	1.71	14.0	10.1	15.7	5
6	2.55B	2.45B	7.90B	63.0B	50.9	6.60	7.12	1.81	1.66	10.9	9.52	35.1	6
7	2.49B	2.32B	7.60B	51.0B	81.4	6.28	5.41	9.79	1.65	13.7	10.0	70.8	7
8	2.42B	2.20B	7.40B	42.0B	59.2	5.73	4.52	11.7	1.66	85.1	15.8	58.7	8
9	2.34B	2.10B	7.20B	34.8	44.5	5.33	4.02	8.51	1.63	83.0	15.1	45.4	9
10	2.26B	2.00B	7.05B	44.6	39.4	13.4	3.56	6.68	1.89	53.4	13.0	35.8	10
11	2.20B	1.95B	6.90B	50.2	34.6	17.2	3.31	5.37	1.86	36.0	10.9	31.4	11
12	2.15B	2.50B	6.75B	41.8	29.5	14.6	3.11	4.16	1.78	26.1	10.0	25.1	12
13	2.10B	3.10B	6.60B	32.2	32.6	12.0	3.02	3.33	1.85	20.8	9.08	20.2	13
14	2.06B	4.60B	6.45B	27.6	41.5	10.2	3.10	2.73	1.86	17.4	8.38	16.7	14
15	2.02B	4.40B	6.35B	27.3	33.0	8.88	7.21	2.43	1.70	15.1	8.04	14.2 B	15
16	1.98B	4.20B	6.30B	22.7	26.1	8.12	6.60	3.37	1.56	13.4	7.65	12.2 B	16
17	1.94B	4.00B	6.20B	20.0	30.5	7.98	4.63	7.20	1.46	11.8	7.35	10.4 B	17
18	1.90B	3.75B	8.00B	20.0	33.0	8.17	3.88	18.3	1.34	10.7	7.90	9.60B	18
19	1.88B	3.50B	12.0 B	18.7	25.9	7.37	4.64	12.3	1.48	10.0	8.83	8.80B	19
20	1.86B	3.30B	11.5 B	17.5	21.3	6.31	3.82	8.55	12.8	9.63	8.08	8.00B	20
21	1.84B	4.00B	10.9 B	16.0	18.1	5.55	3.07	6.56	9.46	8.75	14.0	7.30B	21
22	1.82B	4.80B	10.4 B	14.4	15.9	5.24	2.90	5.18	6.18	8.01	22.5	6.80B	22
23	1.80B	6.00B	9.80B	13.6	14.3	8.52	2.60	4.58	4.75	8.59	18.4	6.40B	23
24	1.78B	8.00B	9.40B	14.7	12.7	7.63	2.31	3.84	4.46	17.2	14.5	5.90B	24
25	1.76B	12.0 B	9.10B	16.1	11.3	6.36	2.18	3.48	4.00	21.4	12.1	5.60B	25
26	1.74B	11.2 B	8.80B	17.7	10.4	8.88	2.02	3.11	3.21	17.7	10.6	5.30B	26
27	1.72B	10.6 B	8.50B	25.0	11.7	11.8	2.06	2.82	2.77	15.6	9.60	5.00B	27
28	1.70B	10.0 B	8.30B	30.0	13.5	10.0	2.42	2.65	2.69	22.7	8.00B	4.70B	28
29	1.69B		8.10B	35.5	14.3	8.14	2.16	2.41	3.06	25.5	6.60B	4.40B	29
30	1.68B		10.5 B	51.2	12.7	6.38	2.05	2.27	5.33	21.0	5.80B	4.20B	30
31	1.67B		12.2 B		11.6		1.96	2.20		17.3		4.00B	31
TOTAL	65.35	122.61	264.22	892.1	957.8	260.72	115.62	153.89	91.57	662.72	335.63	522.00	TOTAL
MEAN	2.11	4.38	8.52	29.7	30.9	8.69	3.73	4.96	3.05	21.4	11.2	16.8	MEAN
MAX	3.00	12.0	12.2	63.0	81.4	17.2	7.21	18.3	12.8	85.1	22.5	70.8	MAX
MIN	1.67	1.65	6.20	13.6	10.4	5.24	1.96	1.59	1.34	5.25	5.80	4.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.2
MAXIMUM DAILY, 85.1 ON OCT 8
MINIMUM DAILY, 1.34 ON SEP 18
MAXIMUM INSTANTANEOUS,
113 AT 14:52 AST ON OCT 8

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 39 21 N
LONG 65 41 37 W
DRAINAGE AREA, 363 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 650	JUL	9 990
FEB	10 600	AUG	13 300
MAR	22 800	SEP	7 910
APR	77 100	OCT	57 300
MAY	82 800	NOV	29 000
JUN	22 500	DEC	45 100

TOTAL DISCHARGE, 384 000 dam³

TOBIQUE RIVER AT NARROWS - STATION NO. 01AH004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	57.2	51.5	136	99.7	230	113	80.8	13.7	41.0	30.4	233	61.3	1
2	60.7	66.3	111	102	208	117	57.5	4.11	40.6	57.4	196	77.4	2
3	65.9	98.8	99.6	180	210	100	69.7	23.7	34.6	93.9	185	107	3
4	61.7	92.4	102	271	200	81.6	66.5	23.0	33.5	102	157	142	4
5	72.2	102	104	338	190	77.5	65.5	28.2	26.0	41.9	143	143	5
6	62.4	72.2	107	559	190	86.7	100	53.2	6.37	80.0	133	124	6
7	55.6	67.8	105	482	220	77.0	87.4	41.1	16.8	113	124	162	7
8	65.2	82.3	88.6	373	216	106	70.1	24.7	27.6	103	151	201	8
9	66.3	73.7	63.1	333	180	73.1	66.7	7.73	22.0	67.5	156	187	9
10	67.7	81.6	58.0	582	158	85.0	101	24.5	36.5	21.4	133	150	10
11	67.0	97.8	56.5	615	137	134	64.4	24.7	38.5	58.5	119	158	11
12	46.8	94.2	53.4	454	128	109	45.4	22.0	36.2	52.3	117	143	12
13	81.2	93.6	51.6	325	164	102	49.2	28.5	14.2	73.1	119	109	13
14	68.7	95.9	50.5	295	286	84.5	59.5	24.1	36.1	64.6	77.6	89.5	14
15	56.2	101	54.0	282	231	74.1	69.9	31.8	36.4	58.4	100	112	15
16	55.4	115	56.7	212	184	86.0	62.8	47.3	32.6	48.8	71.6	111	16
17	69.3	102	57.8	193	187	82.2	65.8	43.1	29.0	50.1	83.2	111	17
18	80.2	96.0	56.8	170	206	74.0	42.5	113	31.9	51.0	84.3	110	18
19	72.5	96.0	73.6	186	167	73.3	22.0	39.3	14.1	64.2	112	53.7	19
20	62.4	116	100	181	144	61.5	61.2	85.0	60.0	66.2	107	93.4	20
21	58.0	141	86.7	141	119	56.9	61.4	50.9	96.4	69.7	105	87.4	21
22	43.2	198	75.7	128	81.7	75.7	39.0	30.6	64.5	41.1	161	75.3	22
23	57.0	244	57.9	121	116	72.3	33.6	28.7	46.9	74.6	129	167	23
24	65.2	214	49.4	138	87.9	115	38.3	55.1	55.6	346	132	101	24
25	59.6	205	49.4	138	100	115	2.03	17.2	66.7	469	114	116	25
26	55.2	178	47.7	127	74.3	116	9.40	25.7	39.4	283	105	96.6	26
27	63.9	164	72.3	135	92.5	122	40.6	34.0	0	245	90.9	53.3	27
28	59.0	133	105	142	103	118	21.6	24.8	0	301	75.7	73.3	28
29	56.4		86.3	152	114	73.3	50.9	25.4	36.4	392	87.4	85.7	29
30	57.6		80.6	233	113	109	26.0	8.16	39.0	315	74.2	102	30
31	56.6		94.7		113		28.6	34.0		252		88.2	31
TOTAL	1 906.3	3 273.1	2 390.9	7 687.7	4 950.4	2 770.7	1 655.33	1 037.30	1 058.87	4 086.1	3 675.9	3 491.1	TOTAL
MEAN	61.5	117	77.1	256	160	92.4	53.4	33.5	35.3	132	123	113	MEAN
MAX	81.2	244	136	615	286	134	101	113	96.4	469	233	201	MAX
MIN	43.2	51.5	47.7	99.7	74.3	56.9	2.03	4.11	0	21.4	71.6	53.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 104
MAXIMUM DAILY, 615 ON APR 11
MINIMUM DAILY, 0 ON SEP 27

DATA CONTRIBUTED BY -
NEW BRUNSWICK ELECTRIC POWER COMMISSION

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 47 30 N
LONG 67 41 00 W
DRAINAGE AREA, 4 330 km²

REGULATED SINCE 1954

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	165 000	JUL	143 000
FEB	283 000	AUG	89 600
MAR	207 000	SEP	91 500
APR	664 000	OCT	353 000
MAY	428 000	NOV	318 000
JUN	239 000	DEC	302 000

TOTAL DISCHARGE, 3 280 000 dam³

NEW BRUNSWICK

TOBIQUE RIVER AT PLASTER ROCK - STATION NO. 01AN003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	43.0B	63.0B	80.0B	75.0B	158	99.6	78.9	21.4	32.9	28.9	174	70.0	1
2	63.0B	72.0B	74.0B	80.0B	154	87.7	73.2	19.9	34.7	28.9	160	81.1	2
3	76.0B	121 B	70.0B	87.0B	155	81.3	67.3	19.1	33.4	50.1	147	105	3
4	53.0B	108 B	66.0B	84.0B	151	79.6	62.5	19.9	32.4	76.0	136	105	4
5	65.0B	92.0B	62.0B	168 B	151	77.5	74.7	20.5	32.4	66.5	124	99.6	5
6	76.0B	86.0B	59.0B	235 B	158	70.9	83.3	21.4	31.4	57.1	115	92.7	6
7	69.0B	79.0B	56.0B	275	177	75.7	93.4	26.3	16.9	54.9	111	116	7
8	47.0B	68.0B	53.0B	226	166	76.1	95.3	27.0	15.8	68.3	130	142	8
9	40.0B	67.0B	50.0B	212	145	68.4	91.0	23.7	28.9	73.6	127	135	9
10	49.0B	66.0B	47.0B	344	135	98.8	84.6	22.6	32.3	67.2	111	120	10
11	52.0B	65.0B	45.0B	368	128	108	70.8	21.3	27.7	61.3	105	133	11
12	47.0B	89.0B	48.0B	286	122	91.9	50.6	20.8	32.9	57.1	96.2	120	12
13	42.0B	89.0B	60.0B	231	143	82.8	49.0	20.5	32.6	53.7	99.3	93.5	13
14	44.0B	83.0B	68.0B	199	191	77.8	67.9	18.8	36.0	51.4	92.5	88.3	14
15	47.0B	77.0B	66.0B	188	164	72.9	69.3	17.3	35.6	49.0	77.3	108	15
16	49.0B	74.0B	64.0B	159	146	70.2	63.5	25.6	29.9	46.3	74.2	117	16
17	50.0B	72.0B	66.0B	148	148	71.1	61.7	52.3	25.1	44.3	73.2	93.5	17
18	48.0B	70.0B	58.0B	140	150	69.7	44.0	58.7	20.6	42.1	91.6	95.0	18
19	46.0B	90.0B	63.0B	143	132	63.0	33.1	59.2	20.0	45.1	89.3	93.7	19
20	49.0B	110 B	63.0B	134	120	57.4	32.0	45.5	57.0	54.4	90.6	104	20
21	50.0B	130 B	63.0B	123	112	56.5	46.8	37.4	69.8	48.2	84.6	93.4	21
22	53.0B	162 B	63.0B	114	105	56.0	30.1	32.9	47.0	45.1	113	88.5	22
23	55.0B	145 B	65.0B	110	98.4	87.7	28.0	29.6	37.4	59.9	99.4	103	23
24	58.0B	130 B	66.0B	112	91.1	86.6	25.8	28.3	32.4	225	109	105	24
25	52.0B	112 B	67.0B	112	84.3	70.6	24.4	26.6	32.4	253	85.8	96.7	25
26	53.0B	101 B	68.0B	111	89.2	86.3	22.9	25.3	24.8	190	77.4	96.4	26
27	57.0B	93.0B	66.0B	115	93.8	124	27.2	23.6	23.1	172	74.4	94.7	27
28	56.0B	86.0B	64.0B	117	91.9	108	35.1	22.2	28.1	204	85.6	103 B	28
29	50.0B		64.0B	121	106	95.5	28.8	21.2	32.9	249	68.7	98.0B	29
30	53.0B		65.0B	158	102	87.3	24.4	20.0	29.0	223	60.3	98.5B	30
31	58.0B		71.0B		100		22.8	19.7		194		99.0B	31
TOTAL	1 650.0	2 600.0	1 940.0	4 975.0	4 067.7	2 438.9	1 662.4	850.6	965.4	2 939.4	3 082.4	3 184.6	TOTAL
MEAN	53.2	92.9	62.6	166	131	81.3	53.6	27.4	32.2	94.8	103	103	MEAN
MAX	76.0	162	80.0	368	191	124	95.3	59.2	69.8	253	174	142	MAX
MIN	40.0	63.0	45.0	75.0	84.3	56.0	22.8	17.3	15.8	28.9	60.3	70.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 83.2
MAXIMUM DAILY, 368 ON APR 11
MINIMUM DAILY, 15.8 ON SEP 8
MAXIMUM INSTANTANEOUS,
411 AT 01:05 AST ON APR 11

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 54 18 N
LONG 67 23 42 W
DRAINAGE AREA, 3 130 km²

B - ICE CONDITIONS

REGULATED SINCE 1954

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	183 000	JUL	144 000
FEB	225 000	AUG	73 500
MAR	168 000	SEP	83 400
APR	430 000	OCT	254 000
MAY	351 000	NOV	266 000
JUN	211 000	DEC	275 000

TOTAL DISCHARGE, 2 620 000 dam³

TOBIQUE RIVER AT RILEY BROOK - STATION NO. 01AN002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	31.6B	38.2B	70.1A	66.9	104	63.3	58.6	17.5	35.7	16.8	128	57.8	1
2	52.1B	48.2B	66.0A	71.6	104	59.6	53.2	16.6	28.6	16.3	119	64.2	2
3	63.8B	68.0B	60.4A	78.7	106	55.8	50.5	15.8	28.8	27.1	108	67.5	3
4	40.0B	57.8B	59.8A	75.3	105	55.1	48.4	16.2	28.4	32.8	101	58.6	4
5	52.8B	49.2B	53.7A	97.7	106	53.4	62.4	15.7	26.9	30.7	93.4	57.8	5
6	65.5B	46.6B	51.2A	156	116	51.0	65.4	15.8	18.5	28.9	84.0	58.4	6
7	59.1B	42.1B	48.0A	157	129	51.4	73.5	18.5	13.6	29.9	75.5	75.2	7
8	34.7B	38.7B	44.7A	136	116	49.0	73.1	17.8	21.9	38.0	87.2	100	8
9	29.3B	39.2B	42.4A	132	106	45.1	71.1	16.7	25.6	40.9	82.9	84.2	9
10	37.9B	38.6B	40.5A	212	99.1	61.2	68.1	16.4	23.3	38.8	75.4	87.5	10
11	40.7B	38.6B	38.0A	208	92.7	63.2	48.2	15.7	28.0	36.9	70.7	95.1	11
12	35.3B	54.6B	41.2A	179	87.7	55.9	41.7	15.8	27.6	35.7	72.9	78.0	12
13	30.9B	54.5B	53.5A	151	103	52.2	50.1	16.1	27.0	34.4	72.6	66.7	13
14	32.0B	48.2B	61.1A	136	123	50.5	55.4	14.3	29.0	32.9	59.7	71.1	14
15	35.0B	46.7B	57.3A	128	109	48.4	54.4	13.5	28.1	32.1	54.9	86.8	15
16	37.4B	44.2B	59.8A	112	101	46.6	53.4	22.5	19.3	31.3	52.7	79.9	16
17	36.9B	47.5B	59.3A	104	99.1	47.3	49.3	31.0	16.4	30.1	56.0	69.9	17
18	36.1B	54.0B	52.0A	99.7	97.5	47.7	32.2	42.1	14.7	28.6	59.6	79.7	18
19	34.2B	66.0B	57.6A	98.0	88.9	43.5	29.4	37.7	14.6	31.1	62.6	83.0	19
20	35.6B	84.0B	56.7	91.5	82.8	41.3	37.8	32.0	35.6	32.9	53.2	81.7	20
21	38.1B	110 B	56.1	85.2	77.5	40.9	30.5	28.1	31.6	30.3	57.6	74.4	21
22	38.8B	129 A	56.5	79.8	72.5	40.1	27.2	26.9	26.4	28.7	68.6	79.0	22
23	40.7B	116 A	57.8	76.5	67.9	56.9	25.9	25.3	23.3	39.6	66.4	82.6	23
24	43.7B	108 A	59.2	76.9	64.5	51.8	23.4	23.5	23.1	128	71.1	80.6	24
25	39.7B	96.6A	60.2	75.4	60.4	46.6	21.7	21.6	17.4	132	56.5	77.9	25
26	40.7B	86.5A	60.0	74.7	64.7	64.4	20.2	19.9	15.9	111	51.5	73.8	26
27	45.2B	81.0A	58.1	78.3	64.6	83.7	26.2	18.7	15.4	106	57.2	76.1	27
28	44.0B	75.5A	57.5	79.6	63.3	74.6	26.9	17.6	18.2	139	52.9	81.0	28
29	37.9B		56.2	84.4	65.2	67.5	22.0	16.6	17.6	161	47.4	76.0	29
30	37.6B		57.1	104	64.4	62.6	19.8	16.3	16.5	159	46.0	77.7	30
31	38.1B		63.8		63.6		18.8	20.2		138		76.8	31
TOTAL	1 265.4	1 807.5	1 715.8	3 305.2	2 804.4	1 630.6	1 338.8	642.4	693.0	1 798.8	2 182.5	2 359.0	TOTAL
MEAN	40.8	64.6	55.3	110	90.5	54.4	43.2	20.7	23.1	58.0	71.4	76.1	MEAN
MAX	65.5	129	70.1	212	129	83.7	73.5	42.1	35.7	161	128	100	MAX
MIN	29.3	38.2	38.0	66.9	60.4	40.1	18.8	13.5	13.6	16.3	46.0	57.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 58.9
MAXIMUM DAILY, 212 ON APR 10
MINIMUM DAILY, 13.5 ON AUG 15
MAXIMUM INSTANTANEOUS,
232 AT 21:14 AST ON APR 10

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 10 24 N
LONG 67 12 36 W
DRAINAGE AREA, 2 230 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1954

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	109 000	JUL	116 000
FEB	156 000	AUG	55 500
MAR	148 000	SEP	59 900
APR	286 000	OCT	155 000
MAY	242 000	NOV	185 000
JUN	141 000	DEC	204 000

TOTAL DISCHARGE, 1 860 000 dam³

TRACADIE RIVER AT MURCHY BRIDGE CROSSING - STATION NO. 01BL003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.15B	3.55B	12.4	12.6	27.0	11.2	5.78	3.78	4.59	7.41	11.5	11.1 B	1
2	6.00B	3.50B	11.5	15.6	28.8	9.84	5.69	3.62	4.40	6.28	11.2	10.6 B	2
3	5.90B	4.30B	10.8	33.8	23.3	9.02	5.42	3.51	4.22	15.9	10.9	17.6	3
4	5.75B	5.00B	10.4	37.5	21.5	8.77	5.17	3.56	4.30	17.7	10.1	23.8	4
5	5.65B	4.70B	9.89	53.5	20.4	8.20	5.23	3.69	4.20	13.5	9.50	21.7	5
6	5.55B	4.56B	9.57	73.6	20.4	7.70	5.59	4.21	4.06	11.5	9.24	33.5	6
7	5.46B	4.40B	9.17	68.0	36.0	7.55	5.66	8.63	4.03	12.8	10.4	63.9	7
8	5.38B	4.25B	8.61	52.0	35.6	7.36	5.31	8.47	4.01	34.4	10.5	46.1	8
9	5.20B	4.14B	8.30	44.2	26.8	7.09	5.05	6.84	4.14	34.8	10.8	34.6	9
10	5.10B	4.00B	8.13	56.1	22.9	14.6	4.83	6.59	4.55	27.8	9.84	30.9	10
11	5.00B	3.90B	7.77	64.1	20.7	18.0	4.56	7.21	4.19	21.8	8.88	30.6	11
12	4.90B	6.00B	7.40	51.8	18.6	14.7	4.52	6.29	4.01	18.2	8.60	25.7	12
13	4.80B	9.00B	7.34	42.3	17.6	12.8	4.43	5.76	4.16	15.9	8.16	22.1	13
14	4.70B	11.0 B	7.16	37.0	17.1	11.3	4.91	5.09	4.01	14.5	8.03	19.6	14
15	4.60B	10.5 B	7.00B	37.2	15.5	10.6	11.0	4.70	3.68	13.4	7.77	18.0	15
16	4.50B	10.0 B	6.90B	32.5	14.3	10.2	9.81	5.55	3.50	12.5	7.45	16.6 B	16
17	4.40B	9.20B	6.80B	29.0	15.7	9.76	7.10	8.39	3.52	11.6	7.70	15.5 B	17
18	4.32B	8.80B	13.0 B	27.6	19.0	9.05	6.19	13.2	3.34	10.8	8.89	14.4 B	18
19	4.24B	8.60B	16.0 B	26.5	16.7	8.32	7.03	11.0	3.42	10.5	13.4	13.3 B	19
20	4.16B	8.50B	14.6	25.2	15.0	7.82	5.87	8.47	11.5	10.4	12.9	12.5 B	20
21	4.08B	9.00B	13.9	23.8	13.7	8.06	5.47	7.33	9.44	9.67	28.2	11.8 B	21
22	4.02B	10.5 B	12.4	22.1	12.7	7.74	5.49	6.77	6.47	9.00	44.6	11.2 B	22
23	3.96B	11.6 B	11.6	21.1	12.1	9.83	5.08	6.38	5.63	9.18	31.6	10.7 B	23
24	3.90B	13.5 B	11.0	20.8	11.3	8.29	4.80	6.08	5.51	13.9	23.9	10.2 B	24
25	3.84B	16.2 B	10.1	20.1	10.7	7.32	4.52	5.89	5.35	16.2	20.0	9.80B	25
26	3.80B	15.0 B	9.70	20.3	10.3	7.82	4.28	5.55	4.93	13.3	17.0 B	9.40B	26
27	3.76B	14.0 B	9.48	22.2	10.2	7.83	4.49	5.23	4.68	12.3	15.3 B	9.00B	27
28	3.72B	13.0 B	9.01	23.2	10.3	6.88	4.64	5.13	4.61	14.2	13.8 B	8.75B	28
29	3.68B		9.12	23.7	10.8	6.47	4.26	4.90	4.88	15.5	12.8 B	8.50B	29
30	3.64B		10.3	28.2	10.1	6.06	4.10	4.78	7.49	13.6	11.9 B	8.30B	30
31	3.60B		12.8		10.5		4.03	4.66		12.4		8.00B	31
TOTAL	143.76	230.70	312.15	1 045.6	551.6	280.18	170.31	191.26	146.82	460.94	414.86	587.75	TOTAL
MEAN	4.64	8.24	10.1	34.9	17.8	9.34	5.49	6.17	4.89	14.9	13.8	19.0	MEAN
MAX	6.15	16.2	16.0	73.6	36.0	18.0	11.0	13.2	11.5	34.8	44.6	63.9	MAX
MIN	3.60	3.50	6.80	12.6	10.1	6.06	4.03	3.51	3.34	6.28	7.45	8.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.4
MAXIMUM DAILY, 73.6 ON APR 6
MINIMUM DAILY, 3.34 ON SEP 18
MAXIMUM INSTANTANEOUS,
75.9 AT 23:54 AST ON APR 6

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 26 06 N
LONG 65 06 25 W
DRAINAGE AREA, 383 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	12 400	JUL	14 700
FEB	19 900	AUG	16 500
MAR	27 000	SEP	12 700
APR	90 300	OCT	39 800
MAY	47 700	NOV	35 800
JUN	24 200	DEC	50 800

TOTAL DISCHARGE, 392 000 dam³

TURTLE CREEK AT TURTLE CREEK - STATION NO. 01BU003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.46B	1.50B	5.72	7.56	6.14	4.14	2.65	0.688	0.442	0.582	7.31	3.59	1
2	1.38B	1.70B	5.26	13.8	5.46	3.28	2.30	0.601	0.457	0.631	6.26	4.45	2
3	1.30B	11.0 B	4.81	27.1	5.01	2.90	2.07	0.564	0.439	2.95	5.25	6.96	3
4	1.26B	10.0 B	4.38	24.4	4.58	2.74	1.91	0.557	0.427	1.68	4.67	6.90	4
5	1.18B	9.00B	4.07	37.3	4.31	2.46	1.79	0.559	0.416	1.27	4.17	5.63	5
6	1.14B	8.50B	3.92	46.7	4.33	2.42	2.13	0.850	0.405	1.04	4.13	12.2	6
7	2.48B	8.00B	3.72	28.7	4.89	3.54	2.07	1.28	0.414	1.85	5.85	10.0	7
8	5.10B	11.0 B	3.47	18.5	4.28	3.40	1.78	0.977	0.408	3.85	4.71	8.91	8
9	4.58B	14.6 B	3.22	17.7	3.70	2.83	1.63	0.830	0.394	5.19	4.36	7.57	9
10	4.20B	12.0 B	2.99	25.2	3.33	5.79	1.51	0.744	0.452	5.12	3.96	P.21	10
11	3.85B	27.0 B	2.88	20.0	3.16	5.64	1.37	0.672	0.420	4.05	3.75	8.72	11
12	3.55B	45.0 B	2.75	15.1	2.99	4.53	1.40	0.592	0.408	3.46	3.70	7.58	12
13	3.30B	36.0 B	2.62	11.6	3.47	4.13	1.29	0.562	0.395	3.02	3.36	6.20	13
14	3.08B	30.0 B	2.40B	9.52	3.23	3.74	1.54	0.536	0.399	2.58	3.21	5.48	14
15	2.82B	25.0 B	2.27B	9.01	2.82	3.40	2.71	0.471	0.430	2.28	3.01	5.16	15
16	2.70B	18.0 B	2.03B	7.59	2.71	3.29	1.97	2.57	0.413	2.05	2.93	15.5	16
17	2.50B	10.0 B	3.80B	6.93	3.75	3.19	1.43	2.08	0.393	1.86	8.64	14.4	17
18	2.38B	6.63	8.63	6.73	3.47	2.87	1.22	1.56	0.377	1.68	13.6	9.99	18
19	2.22B	6.14	5.30	7.25	3.18	2.53	1.07	1.31	0.345	3.54	14.3	8.25	19
20	2.12B	6.95	4.59	6.46	2.95	2.39	0.987	0.982	0.519	4.82	11.5	6.96	20
21	2.02B	9.09	4.29	6.07	2.78	4.56	1.13	0.865	0.514	3.68	19.2	5.80B	21
22	1.94B	9.51	3.97	5.53	2.70	3.49	1.19	0.753	0.368	3.24	14.1	5.32	22
23	1.83B	8.88	3.72	5.06	3.80	3.84	0.950	0.699	0.889	3.05	10.5	4.78	23
24	1.73B	8.38	3.55	4.62	7.19	2.83	0.861	0.666	1.13	20.3	8.20	4.40	24
25	1.71B	7.61	3.57	4.63	6.34	4.48	0.799	0.654	2.45	13.8	6.75	4.02	25
26	1.73B	7.68	3.40	4.38	5.78	6.90	0.761	0.635	1.13	10.2	5.78	3.65	26
27	1.72B	7.21	3.33	4.02	5.32	4.29	0.833	0.550	0.735	11.4	5.16	3.30B	27
28	1.67B	6.27	3.32	3.99	4.98	3.62	1.01	0.570	0.668	23.3	4.82	3.10B	28
29	1.60B		3.63	4.18	4.33	3.25	0.823	0.534	0.761	17.0	4.40	2.91	29
30	1.53B		4.80	6.82	3.80	2.96	0.771	0.498	0.686	11.5	4.00	2.85	30
31	1.47B		8.93		4.39		0.742	0.450		8.89		2.63	31
TOTAL	71.55	362.65	125.34	396.45	129.17	109.43	48.697	25.859	17.684	179.863	201.58	205.42	TOTAL
MEAN	2.31	13.0	4.04	13.2	4.17	3.65	1.44	0.834	0.589	5.80	6.72	6.63	MEAN
MAX	5.10	45.0	8.93	46.7	7.19	6.90	2.71	2.57	2.45	23.3	19.2	15.5	MAX
MIN	1.14	1.50	2.03	3.99	2.70	2.39	0.742	0.450	0.345	0.582	2.93	2.63	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.12
MAXIMUM DAILY, 46.7 ON APR 6
MINIMUM DAILY, 0.345 ON SEP 19
MAXIMUM INSTANTANEOUS,
51.6 AT 12:41 AST ON APR 6

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 57 29 N
LONG 64 52 44 W
DRAINAGE AREA, 129 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 180	JUL	3 860
FEB	31 300	AUG	2 230
MAR	10 800	SEP	1 530
APR	34 300	OCT	15 500
MAY	11 200	NOV	17 400
JUN	9 450	DEC	17 700

TOTAL DISCHARGE, 161 000 dam³

UPSALQUITCH RIVER AT UPSALQUITCH - STATION NO. 01BE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.7 B	9.40B	45.0B	47.1	172	67.4	67.8	14.6	16.3	17.0	101	32.7	1
2	13.4 B	11.0 B	43.0B	50.5	174	61.9	61.1	13.6	15.5	15.7	92.8	34.2	2
3	13.1 B	12.6 B	40.0B	96.4	179	57.5	55.5	13.0	15.0	22.2	84.3	44.9	3
4	12.9 B	14.0 B	37.0B	101	173	54.2	51.2	16.5	14.6	31.4	76.2	50.4	4
5	12.7 B	16.0 B	34.0B	147	174	51.2	53.4	17.1	14.5	27.8	68.8	54.4	5
6	12.5 B	15.0 B	32.0B	251	184	47.7	78.1	15.6	13.8	24.2	64.4	58.5	6
7	12.3 B	14.2 B	30.0B	256	202	46.8	63.3	22.1	13.2	23.8	61.9	112	7
8	12.1 B	13.6 B	28.5B	211	177	43.9	54.3	25.6	12.8	47.0	69.1	139	8
9	11.9 B	13.0 B	27.5B	184	155	40.3	47.5	22.0	12.9	61.3	63.4	135	9
10	11.7 B	12.6 B	26.8B	234	141	57.5	44.1	19.1	14.6	60.4	57.3	121	10
11	11.5 B	12.4 B	26.2B	273	128	69.9	39.9	17.7	14.0	52.9	51.9	110	11
12	11.3 B	17.0 B	25.8B	244	116	60.0	36.7	17.0	13.3	46.1	49.7	98.0	12
13	11.2 B	26.0 B	25.4B	204	136	55.3	34.8	16.8	12.7	41.3	45.9	86.3	13
14	11.1 B	24.5 B	25.0B	179	186	51.0	33.0	15.1	12.2	37.7	44.5	73.0B	14
15	11.0 B	23.5 B	24.5B	168	162	47.5	33.0	13.7	11.5	33.9	42.7	63.0B	15
16	10.9 B	22.4 B	24.2B	145	143	45.8	31.5	18.1	11.0	31.6	40.6	56.0B	16
17	10.7 B	21.2 B	24.0B	130	133	51.1	27.8	31.9	10.8	29.6	39.5	50.0B	17
18	10.6 B	20.4 B	23.4	122	127	54.1	25.3	72.1	10.6	26.9	40.1	46.0B	18
19	10.4 B	19.8 B	33.1	115	111	46.9	23.6	56.3	10.8	26.1	40.4	42.0B	19
20	10.3 B	19.2 B	31.4	106	101	43.2	25.8	43.2	26.0	28.1	38.0	39.0B	20
21	10.2 B	25.0 B	28.8	99.0	91.5	40.7	23.1	36.1	25.5	26.1	37.9	36.5B	21
22	10.1 B	30.0 B	27.6	92.0	84.0	39.2	22.2	31.7	17.5	24.3	49.2	34.0B	22
23	10.0 B	36.0 B	26.2	86.5	77.7	59.6	20.8	28.1	14.8	25.4	47.8	32.0B	23
24	9.90B	44.0 B	26.3	85.1	71.0	57.3	19.0	25.3	13.6	67.9	43.9	30.0B	24
25	9.80B	56.0 B	24.9	85.5	65.0	51.1	17.8	23.4	12.9	104	41.8	28.0B	25
26	9.70B	53.0 B	24.4	88.1	62.5	88.2	17.0	21.3	12.4	95.2	40.1	26.5B	26
27	9.65B	51.0 B	25.5	102	62.0	117	18.2	19.8	11.9	89.4	38.6	25.2B	27
28	9.60B	48.0 B	24.3	111	69.8	99.5	21.0	18.4	12.7	117	38.6	24.0B	28
29	9.55B		24.4	124	78.6	86.3	17.6	17.7	14.9	145	37.2	23.0B	29
30	9.50B		24.7	167	74.8	76.9	16.2	17.1	17.0	130	34.1	22.2B	30
31	9.45B		39.1		71.9		15.7	16.9		112		21.5B	31
TOTAL	342.75	680.80	903.0	4 304.2	3 482.8	1 769.0	1 096.3	736.9	429.3	1 621.3	1 581.7	1 748.3	TOTAL
MEAN	11.1	24.3	29.1	143	125	59.0	35.4	23.8	14.3	52.3	52.7	56.4	MEAN
MAX	13.7	56.0	45.0	273	202	117	78.1	72.1	26.0	145	101	139	MAX
MIN	9.45	9.40	23.4	47.1	62.0	39.2	15.7	13.0	10.6	15.7	34.1	21.5	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 52.3
MAXIMUM DAILY, 273 ON APR 11
MINIMUM DAILY, 9.40B ON FEB 1
MAXIMUM INSTANTANEOUS,
281 AT 02:51 AST ON APR 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 49 54 N
LONG 66 52 54 W
DRAINAGE AREA, 2 270 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	29 600	JUL	94 700
FEB	58 800	AUG	63 700
MAR	78 000	SEP	37 100
APR	372 000	OCT	140 000
MAY	335 000	NOV	137 000
JUN	153 000	DEC	151 000

TOTAL DISCHARGE, 1 650 000 dam³

WALKER BROOK AT CAMPBELLTON - STATION NO. 01BJ009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.312B	0.182B	0.838	1.59	7.28	1.71	2.14	0.268	0.270	0.288	2.55 E	0.949	1
2	0.300B	0.330B	0.814	2.43	7.18	1.59	1.94	0.256	0.253	0.295	2.30 E	0.976	2
3	0.285B	0.693B	0.767	3.71	7.06	1.56	1.72	0.246	0.253	0.840	2.05 E	1.15	3
4	0.275B	0.620B	0.720	3.73	6.71	1.50	1.54	0.400	0.240	0.619	1.85 E	1.68	4
5	0.265B	0.520B	0.698	5.91	6.59	3.18	1.82	0.301	0.254	0.510	1.70 E	1.43	5
6	0.256B	0.455B	0.711	7.96	6.69	2.13	1.82	0.279	0.257	0.463	1.60 E	2.91	6
7	0.249B	0.400B	0.715	6.69	7.00	1.86	1.36	0.494	0.261	0.861	1.70 E	6.74	7
8	0.242B	0.355B	0.674	5.40	5.16	2.95	1.18	0.476	0.249	3.47	1.90 E	6.39	8
9	0.235B	0.335B	0.630	5.59	4.37	4.16	0.978	0.382	0.314	3.33	1.60 E	5.17	9
10	0.230B	0.315B	0.583	8.94	3.92	3.59	0.913	0.403	0.314	2.48	1.25 E	4.35	10
11	0.225B	0.300B	0.573	8.26	3.53	3.38	0.885	0.333	0.263	2.01	1.05 E	3.70	11
12	0.221B	0.400B	0.560B	6.21	3.02	3.01	0.867	0.368	0.261	1.75	0.960E	3.11	12
13	0.218B	0.700B	0.550	4.93	5.01	2.69	0.735	0.303	0.249	1.62	0.920E	2.60	13
14	0.215B	1.00 B	0.538	4.60	5.35	2.44	0.790	0.261	0.244	1.52	0.870E	2.28	14
15	0.212B	0.800B	0.520B	4.65	4.37	2.25	0.972	0.244	0.228	1.39 A	0.830E	2.03	15
16	0.209B	0.680B	0.514B	3.80	3.80	2.53	0.720	0.613	0.223A	1.25 E	0.795A	1.97	16
17	0.206B	0.590B	1.35 B	3.55	3.61	2.12	0.629	0.708	0.202A	1.18 E	0.787A	1.77	17
18	0.204B	0.550B	1.60 B	3.47	3.13	1.81	0.571	1.37	0.181	1.06 E	0.801	1.59	18
19	0.202B	0.525B	1.12 B	3.31	2.68	1.61	0.538	0.693	0.257	1.50 E	0.822	1.45	19
20	0.200B	0.506	0.970B	2.97	2.43	1.49	0.528	0.565	0.872	1.48 E	0.740	1.35	20
21	0.198B	0.531	0.893	2.79	2.15	1.44	0.513	0.468	0.418	1.30 E	1.63	1.20 B	21
22	0.196B	0.623	0.831	2.58	2.01	3.06	0.475	0.420	0.323	1.20 E	1.85	1.10 B	22
23	0.194B	0.888	0.795B	2.57	1.87	2.06	0.419	0.416	0.277	2.00 E	1.58	1.02	23
24	0.193B	1.10	0.770B	2.51	1.66	1.76	0.381	0.406	0.254	3.40 E	1.47	0.941	24
25	0.192B	0.987	0.745B	2.45	1.49	3.54	0.354	0.367	0.212	2.90 E	1.39	0.889	25
26	0.190B	0.899	0.720B	2.80	1.37	4.55	0.342	0.348	0.214	2.70 E	1.31	0.820B	26
27	0.189B	0.913	0.710B	3.71	1.31	3.70	0.409	0.335	0.225	3.10 E	1.26	0.780B	27
28	0.188B	0.866	0.770B	4.69	1.63	3.21	0.363	0.305	0.362	4.00 E	1.23	0.750B	28
29	0.186B		0.948	6.01	1.87	2.82	0.316	0.274	0.326	3.60 E	1.16	0.730B	29
30	0.185B		1.19	7.90	1.82	2.44	0.305	0.267	0.321	3.20 E	1.04	0.700B	30
31	0.183B		1.55		1.89		0.294	0.271		2.85 E		0.680B	31
TOTAL	6.855	17.063	25.367	135.70	117.96	76.14	26.817	12.840	8.577	58.166	40.995	63.205	TOTAL
MEAN	0.221	0.609	0.818	4.52	3.81	2.54	0.865	0.414	0.286	1.88	1.37	2.04	MEAN
MAX	0.312	1.10	1.60	8.94	7.28	4.55	2.14	1.37	0.872	4.00	2.55	6.74	MAX
MIN	0.183	0.182	0.514	1.59	1.31	1.44	0.294	0.244	0.181	0.288	0.740	0.680	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.62
MAXIMUM DAILY, 8.94 ON APR 10
MINIMUM DAILY, 0.181 ON SEP 18
MAXIMUM INSTANTANEOUS,
10.7 AT 17:23 AST ON APR 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 59 17 N
LONG 66 41 49 W
DRAINAGE AREA, 60.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	592	JUL	2 320
FEB	1 470	AUG	1 110
MAR	2 190	SEP	741
APR	11 700	OCT	5 030
MAY	10 200	NOV	3 540
JUN	6 580	DEC	5 460

TOTAL DISCHARGE, 50 900 dam³

ANNAPOLIS RIVER AT WILMOT - STATION NO. 01DC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.7 B	6.10B	23.5	60.7	17.9	8.06	4.51	2.89	1.45	3.36	20.2	12.2	1
2	10.7 B	6.00B	21.5	52.1	14.6	6.98	4.20	2.69	1.45	3.11	16.4	14.2	2
3	10.0 B	24.4 B	19.4	48.2	12.6	6.04	3.80	2.74	1.43	6.50	14.1	38.2	3
4	9.40B	45.9 B	17.2	45.3	11.4	5.58	3.72	2.63	1.47	7.58	12.2	42.8	4
5	8.80B	40.3 B	15.4	42.9	10.7	5.94	3.75	2.49	1.36	5.78	10.6	37.9	5
6	8.40B	34.0 B	14.3	47.1	10.2	5.64	5.26	3.29	1.34	4.75	9.76	39.0	6
7	8.25B	28.5 B	14.0	51.8	10.9	5.02	5.74	4.82	1.26	5.89	15.3	39.1	7
8	37.8	26.2 B	13.6	42.4	11.9	4.55	4.81	4.74	1.24	10.4	17.6	36.1	8
9	43.8	28.3 B	12.4	31.6	10.3	4.67	4.32	4.34	1.21	9.51	15.5	30.2	9
10	41.0	29.0 B	11.6	27.2	9.07	9.93	3.85	3.92	1.19	8.10	13.0	27.4	10
11	36.5	26.8 B	11.0	24.3	8.76	12.1	3.49	3.60	1.15	7.27	11.3	30.8	11
12	32.1	80.0 B	10.3	20.6	8.00	10.1	3.33	3.59	1.14	6.20	10.3	29.5	12
13	26.4 B	145	9.65	17.6	8.89	8.05	3.30	4.25	1.12	5.24	9.35	26.4	13
14	21.4 B	121	9.47	15.3	10.8	6.40	4.07	4.38	1.09	4.74	8.44	21.7	14
15	18.7 B	87.8	11.9	14.6	9.25	5.56	4.96	3.83	1.16	4.33	8.08	19.1	15
16	16.3 B	61.2	11.5	13.5	8.09	5.17	5.17	3.40	1.20	3.96	10.3	38.5	16
17	14.4 B	45.8	17.7	12.3	9.60	6.59	4.25	3.20	1.29	3.75	19.8	49.0	17
18	13.0 B	43.2	31.0	12.8	10.6	6.35	3.69	3.05	1.28	3.57	34.8	43.4	18
19	11.8 B	40.1	30.1	15.8	9.31	5.25	3.40	2.89	1.23	5.05	48.0	33.1	19
20	11.0 B	34.8	26.6	14.2	8.08	4.67	3.31	2.71	1.32	15.6	43.7	26.3	20
21	10.3 B	32.5	22.0	12 9	7.14	7.42	3.45	2.57	1.33	15.1	60.9	21.6	21
22	9.80B	34.8	18.4	12.7	6.48	9.38	4.34	2.45	1.29	11.9	69.3	19.8	22
23	9.35B	31.8	17.2	11.6	7.83	12.5	3.84	2.35	7.51	9.61	54.7	20.6	23
24	8.80B	28.3	17.9	11.3	16.9	10.6	3.49	2.25	10.4	11.4	37.8	19.4	24
25	8.35B	25.8	18.9	15.5	18.7	8.06	3.12	2.02	12.3	17.1	28.0	17.4	25
26	7.95B	25.5	17.3	14.8	16.5	10.8	2.89	2.01	10.2	16.0	22.0	15.3	26
27	7.55B	27.1	17.1	12.7	13.7	10.6	2.89	1.88	7.35	26.7	18.2	13.7	27
28	7.15B	25.9	17.5	11.1	11.3	7.37	3.16	1.76	5.41	37.5	16.1	12.6	28
29	6.80B		16.2	10.4	9.69	5.71	3.12	1.69	4.56	45.1	15.3	12.2	29
30	6.50B		17.8	18.2	8.61	4.90	3.04	1.61	3.83	36.3	13.9	13.7	30
31	6.30B		43.1		7.91		3.06	1.55		27.8		14.0	31
TOTAL	480.30	1 186.10	555.52	741.5	335.71	219.99	119.33	91.59	89.56	379.20	684.93	815.2	TOTAL
MEAN	15.5	42.4	17.9	24.7	10.8	7.33	3.85	2.95	2.99	12.2	22.8	26.3	MEAN
MAX	43.8	145	43.1	60.7	18.7	12.5	5.74	4.82	12.3	45.1	69.3	49.0	MAX
MIN	6.30	6.00	9.47	10.4	6.48	4.55	2.89	1.55	1.09	3.11	8.08	12.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.6
MAXIMUM DAILY, 145 ON FEB 13
MINIMUM DAILY, 1.09 ON SEP 14
MAXIMUM INSTANTANEOUS,
148 AT 17:22 AST ON FEB 13

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 56 59 N
LONG 65 01 47 W
DRAINAGE AREA, 546 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	41 500	JUL	10 300
FEB	102 000	AUG	7 910
MAR	48 000	SEP	7 760
APR	64 100	OCT	32 800
MAY	29 000	NOV	59 200
JUN	19 000	DEC	70 400

TOTAL DISCHARGE, 492 000 dam³

BEAVER RIVER NEAR KINSAC - STATION NO. 01DG003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.18	1.32	5.09	4.86	2.18	2.30	1.27	0.867	0.185E	1.21 E	4.00E	2.52	1
2	7.20	1.21	4.44	5.27	2.29	2.02A	1.06	0.662	0.172E	1.10 E	3.30E	2.41	2
3	6.00	3.19	3.73	5.28	2.51	1.75E	0.881	0.548	0.159E	1.13 E	2.80E	9.03	3
4	4.76	7.57	3.08	5.37	3.81	1.58E	0.720	0.511	0.148E	1.00 E	2.40E	22.8	4
5	3.81	9.45	2.61	4.71	4.59	1.45E	0.676	0.472	0.138E	0.960E	2.08A	18.5	5
6	3.04	7.81	2.33	4.36	4.63	1.33E	1.07	0.453	0.130E	0.810E	2.25E	15.2	6
7	2.56	5.77	2.14	4.30	4.52	1.22E	1.25	0.486	0.122E	1.95 E	7.82	14.7	7
8	4.62	4.47	1.93	3.93	4.37	1.16E	1.14	0.530	0.115E	3.40 E	12.5	11.4	8
9	6.91	5.46	1.79	3.32	3.78	3.00E	0.992	0.575	0.130E	2.85 E	10.6	8.91	9
10	7.18	6.41	1.72	2.89	3.11	4.80A	0.839	0.596	0.127E	3.00 E	8.09	7.82	10
11	7.96	6.00	1.58	2.51	2.53	4.24	0.727	0.617	0.122E	2.80 E	6.27	7.66	11
12	8.91	13.4	1.46	2.25	2.24	3.82	0.634	0.590	0.118E	2.50 E	5.31	6.86	12
13	9.76	24.5	1.31	1.93	2.11	3.16	0.535	0.570	0.115E	2.20 E	4.31	5.68	13
14	7.08	17.2	1.26	1.65	2.46	2.56	0.604	0.593	0.112E	1.95 E	3.52	4.71	14
15	5.43	10.8	1.77	1.70	2.41	2.07	1.84	0.571	0.108E	1.65 E	3.12	4.27	15
16	4.30	7.05	2.02	1 70	2.10	1.72	2.52	0.535	0.200E	1.42 E	3.45	13.2	16
17	3.42	4.99	7.08	1.52	2.45	2.53	2.10	0.671	0.350E	1.75 E	6.97	20.5	17
18	2.81	4.05	16.9 A	1.56	4.13	2.74	1.62	0.754	0.275E	1.50 E	13.4	14.4	18
19	2.47	3.62	14.1	1.62	4.34	2.35	1.25	0.709	0.300E	2.00 E	14.3	10.2	19
20	2.26A	3.47	9.54	1.47	3.64	1.91	0.985	0.662	0.375E	3.30 E	11.7	7.61	20
21	2.00A	3.31	6.89	1.41	2.84	1.92	1.15	0.565	0.300E	2.95 E	20.6	5.94	21
22	1.82	3.22	5.15	1.42	2.46	2.69	5.84	0.546	0.255E	2.90 E	30.2	4.67	22
23	1.78	3.27	4.10	1.25	3.87	3.38	6.66	0.464	1.85 E	2.85 A	18.2	4.15	23
24	1.67	3.31	3.45	1.33	11.7	3.57	5.44	0.390	2.00 E	2.65 E	11.7	3.85	24
25	1.48E	3.22	2.98	1.77	13.7	3.08	3.98	0.352	2.20 E	2.40 E	8.32	3.38	25
26	1.30A	3.41	2.54	1.99	10.4	2.82	2.84	0.309	2.00 E	2.20 E	6.35	3.03	26
27	1.25	4.66	2.19	2.03	7.46	2.73	2.18	0.290	1.83 E	5.50 E	4.88	2.77	27
28	1.34	5.25	2.07	1.80	5.32	2.31	1.77	0.269	1.65 E	6.60 E	4.02	2.71	28
29	1.47		2.03	1.61	3.85	1.84	1.48	0.259	1.48 E	10.0 E	3.35	2.60	29
30	1.48		1.91	1.98	2.86	1.54	1.23	0.213	1.34 E	7.00 E	2.88	3.01	30
31	1.38		2.83		2.59		1.01	0.198E		5.00 E		3.17	31
TOTAL	124.63	177.39	122.02	78.79	131.25	73.59	5e.293	15.827	18.406	88.530	238.69	247.66	TOTAL
MEAN	4.02	6.34	3.94	2.63	4.23	2.45	1.82	0.511	0.614	2.86	7.96	7.99	MEAN
MAX	8.91	24.5	16.9	5.37	13.7	4.80	6.66	0.867	2.20	10.0	30.2	22.8	MAX
MIN	1.25	1.21	1.26	1.25	2.10	1.16	0.535	0.198	0.108	0.810	2.08	2.41	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.76
MAXIMUM DAILY, 30.2 ON NOV 22
MINIMUM DAILY, 0.108E ON SEP 15
MAXIMUM INSTANTANEOUS,
35.6 AT 01:32 AST ON NOV 22

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 51 06 N
LONG 63 39 54 W
DRAINAGE AREA, 96.9 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 800	JUL	4 860
FEB	15 300	AUG	1 370
MAR	10 500	SEP	1 590
APR	6 810	OCT	7 650
MAY	11 300	NOV	20 600
JUN	6 360	DEC	21 400

TOTAL DISCHARGE, 119 000 dam³

CHETICAMP RIVER ABOVE ROBERT BROOK - STATION NO. 01FC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.83	3.15B	5.79	20.0	59.1	3.89	2.63	3.78	2.61	49.8	5.84	4.29	1
2	5.80B	3.10B	4.78	13.7	46.4	3.53	2.60	3.16	2.65	17.8	8.92	3.99	2
3	4.25B	18.2	4.25	31.3	36.6	3.09	2.49	2.92	2.54	11.3	6.55	52.7	3
4	4.07B	19.3	3.75	23.2	47.3	3.17	2.43	2.70	2.54	8.06	5.67	110	4
5	3.98B	10.7	3.83	87.9	48.8	3.23	5.56	2.87	2.54	7.05	4.90	47.1	5
6	3.85B	5.95B	4.03	158	66.1	3.05	18.1	2.93	2.61	6.46	4.85	50.6	6
7	3.79B	4.80B	4.47	86.2	56.3	3.05	15.6	2.98	2.54	6.18	61.4	52.0	7
8	19.6	4.28B	4.00	31.2	27.8	3.73	11.8	3.11	2.46	16.8	25.9	17.7	8
9	14.4	5.05B	3.75	26.0	21.1	3.33	14.8	3.08	2.37	11.8	12.5	10.7	9
10	8.86	4.55B	3.42	60.6	24.9	5.84	7.61	2.88	2.35	17.4	8.09	8.07	10
11	12.5	6.72	3.20B	27.3	24.2	5.16	5.39	2.64	2.34	17.5	6.16	10.3	11
12	11.2	39.8	3.05B	16.7	26.6	4.15	4.26	2.60	2.24	9.60	7.64	12.3	12
13	7.81	37.3	2.95B	11.0	24.6	3.48	4.06	2.66	2.28	6.57	6.11	7.90	13
14	5.86	15.4	2.84B	8.20	19.0	3.13	5.73	2.80	3.61	5.28	5.14	6.26	14
15	5.25B	10.0	2.75B	15.3	12.7	3.01	6.79	2.81	2.78	4.62	4.65	5.50	15
16	4.70B	8.05B	2.70B	12.3	10.7	2.89	11.6	2.68	2.45	4.19	4.57	58.5	16
17	4.38B	7.25B	49.3	8.44	11.9	2.96	7.58	22.3	2.36	6.47	4.54	33.2	17
18	4.07B	6.50B	97.4	8.49	14.0	3.46	4.74	13.5	2.38	9.88	5.85	12.4	18
19	3.90B	6.06	23.5 B	12.4	8.18	3.14	3.93	18.3	2.33	6.45	12.7	8.20	19
20	3.77B	5.36	13.8 B	9.83	6.29	2.79	4.11	8.53	3.07	10.5	10.5	6.46	20
21	3.65B	4.85	9.00B	8.09	5.57	6.23	3.46	5.05	3.35	7.15	41.4	5.50	21
22	3.51B	5.09	6.40B	6.83	5.11	9.23	3.38	3.93	2.68	5.18	30.4	4.80B	22
23	3.43B	5.21	4.85B	7.28	4.73	5.36	3.35	3.36	11.8	4.80	15.3	4.20B	23
24	3.40B	5.20	4.22B	5.76	13.0	3.68	2.97	3.10	14.3	4.69	9.32	3.80B	24
25	3.34B	5.79	3.92B	6.06	9.10	2.95	2.65	3.03	8.34	5.80	6.82	3.68B	25
26	3.30B	5.42	3.70B	5.89	6.26	3.74	2.53	2.83	6.25	4.63	5.77	3.55B	26
27	3.25B	5.94	3.53B	5.74	5.59	4.97	2.65	2.65	4.14	5.34	5.27	3.45B	27
28	4.20B	7.04	3.40B	7.52	5.39	3.54	14.4	2.63	3.17	46.8	4.96	3.37B	28
29	3.80B		3.30B	9.75	4.70	2.93	5.72	2.53	3.61	32.3	4.80	3.30B	29
30	3.35B		3.89	95.6	4.00	2.69	4.47	2.28	21.2	11.5	4.54	3.20B	30
31	3.23B		21.3		3.80		4.79	2.17		7.12		3.15B	31
TOTAL	179.33	266.06	311.07	826.58	659.82	115.40	192.18	142.79	129.89	369.02	341.06	560.17	TOTAL
MEAN	5.78	9.50	10.0	27.6	21.3	3.85	6.20	4.61	4.33	11.9	11.4	18.1	MEAN
MAX	19.6	39.8	97.4	158	66.1	9.23	18.1	22.3	21.2	49.8	61.4	110	MAX
MIN	3.23	3.10	2.70	5.74	3.80	2.69	2.43	2.17	2.24	4.19	4.54	3.15	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.2
MAXIMUM DAILY, 158 ON APR 6
MINIMUM DAILY, 2.17 ON AUG 31
MAXIMUM INSTANTANEOUS,
233 AT 04:13 AST ON DEC 4

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 38 28 N
LONG 60 56 49 W
DRAINAGE AREA, 190 km²

B - ICE CONDITIONS

REGULATED SINCE 1978

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	15 500	JUL	16 600
FEB	23 000	AUG	12 300
MAR	26 900	SEP	11 200
APR	71 400	OCT	31 900
MAY	57 000	NOV	29 500
JUN	9 970	DEC	48 400

TOTAL DISCHARGE, 354 000 dam³

CLAM HARBOUR RIVER NEAR BIRCHTOWN - STATION NO. 01ER001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.20 B	0.780B	1.70 B	3.99	3.21	0.640	0.317	0.229	0.058	0.262	1.48	0.948	1
2	6.30 B	0.775B	1.42 B	3.35	2.90	0.475	0.242	0.184	0.053	0.220	1.23	0.857	2
3	5.60 B	4.95 B	1.43	5.29	3.89	0.378	0.177	0.150	0.045	0.386	0.966	11.3	3
4	5.00 B	4.80 B	1.09	3.62	7.02	0.308	0.144	0.117	0.038	0.420	0.786	26.9	4
5	4.30 B	2.85 B	0.890	3.21	4.01	0.257	0.134	0.104	0.032	0.357	0.640	9.76	5
6	3.80 B	2.50 B	0.803	2.74	2.70	0.210	0.640	0.111	0.030	0.291	0.518	11.0	6
7	3.40 B	2.25 B	1.18	2.28	2.25	0.179	0.518	3.84	0.032	1.22	12.0	9.46	7
8	5.38 B	2.10 B	1.20	1.61	1.90	0.155	0.331	2.47	0.031	4.24	7.47	6.75	8
9	5.06 B	2.00 B	0.957	1.23	1.41	0.162	0.291	1.27	0.026	3.02	4.00	4.39	9
10	3.45 B	1.97 B	0.819	1.02	1.01	1.55	1.14	0.900	0.043	3.16	2.59	3.81	10
11	5.55 B	4.30 B	0.708	0.894	0.797	1.68	0.990	0.675	0.043	4.26	1.82	3.13	11
12	5.35 B	6.30 B	0.629	0.776	0.661	1.34	0.620	0.528	0.033	2.75	1.59	2.66	12
13	3.50 B	6.65 B	0.562	0.672	0.612	0.894	0.645	0.440	0.028	1.95	1.21	2.09	13
14	2.25 B	3.60 B	0.508	0.541	0.778	0.653	2.30	0.472	0.025	1.39	0.943	1.65	14
15	1.50 B	2.50 B	0.638	0.567	0.611	0.494	2.63	0.311	0.024	1.07	0.801	1.57	15
16	1.32 B	1.90 B	0.637	0.519	0.466	0.397	1.75	0.245	0.023	0.815	0.810	9.13	16
17	1.17 B	1.30 B	4.13	0.404	0.788	0.345	1.19	1.12	0.044	1.89	1.44	6.16	17
18	1.09 B	1.10 B	6.71	0.436	1.13	0.303	0.838	1.22	0.056	1.87	2.17	3.43	18
19	1.02 B	1.00 B	3.32	1.40	0.779	0.242	0.590	0.953	0.055	1.40	2.97	2.38	19
20	0.970B	0.940B	2.23	1.61	0.592	0.184	0.453	0.636	0.193	1.28	2.29	1.84	20
21	0.940B	0.910B	1.69	1.32	0.474	0.302	0.522	0.440	0.120	1.06	10.1	1.46 B	21
22	0.905B	0.890B	1.30	1.27	0.413	0.643	2.77	0.329	0.084	0.860	9.18	1.17 B	22
23	0.890B	1.47 B	0.993	2.35	4.79	0.488	1.51	0.265	0.204	0.690	4.50	0.965B	23
24	0.870B	1.36 B	0.826	2.78	7.83	0.402	0.875	0.214	0.637	0.694	2.78	0.802B	24
25	0.850B	1.20 B	0.718	2.88	4.97	0.299	0.605	0.182	0.967	0.692	1.95	0.646B	25
26	0.835B	1.90 B	0.621	2.82	3.03	0.652	0.427	0.144	0.721	0.677	1.74	0.554B	26
27	0.820B	3.50 B	0.586	2.86	2.17	1.15	0.342	0.122	0.479	5.65	1.64	0.522B	27
28	0.810B	2.20 B	0.581	3.22	1.61	0.713	0.537	0.108	0.346	5.13	1.29	0.512B	28
29	0.800B		0.512	2.92	1.19	0.505	0.347	0.092	0.323	4.89	1.09	0.531B	29
30	0.795B		0.527	4.15	0.872	0.396	0.295	0.084	0.295	2.91	1.03	0.826B	30
31	0.785B		3.71		0.733		0.308	0.075		2.04		1.05 B	31
TOTAL	82.510	67.995	43.625	62.729	65.596	16.396	24.478	18.030	5.088	57.544	83.024	128.253	TOTAL
MEAN	2.66	2.43	1.41	2.09	2.12	0.547	0.790	0.582	0.170	1.86	2.77	4.14	MEAN
MAX	7.20	6.65	6.71	5.29	7.83	1.68	2.77	3.84	0.967	5.65	12.0	26.9	MAX
MIN	0.785	0.775	0.508	0.404	0.413	0.155	0.134	0.075	0.023	0.220	0.518	0.512	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.80
MAXIMUM DAILY, 26.9 ON DEC 4
MINIMUM DAILY, 0.023 ON SEP 16
MAXIMUM INSTANTANEOUS,
45.7 AT 04:17 AST ON DEC 4

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 28 06 N
LONG 61 27 36 W
DRAINAGE AREA, 45.1 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	7 130	JUL	2 110
FEB	5 870	AUG	1 560
MAR	3 770	SEP	440
APR	5 420	OCT	4 970
MAY	5 670	NOV	7 170
JUN	1 420	DEC	11 100

TOTAL DISCHARGE, 56 600 dam³

EAST RIVER AT ST. MARGARETS BAY - STATION NO. 01EH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.960B	0.373B	1.05	1.16	0.731	0.970E	0.470E	0.480E	0.063E	0.321	1.02	0.766	1
2	0.920B	0.357	1.03	1.31	0.764	0.781A	0.390E	0.420E	0.059E	0.308	0.935	0.695	2
3	0.880B	0.652	1.02	1.30	0.802	0.660E	0.330E	0.380E	0.054E	0.338	0.823	1.05	3
4	0.850B	1.02	0.964	1.34	0.828	0.560E	0.285E	0.345E	0.050E	0.283	0.684	2.16	4
5	0.820B	1.12	0.872	1.30	0.926	0.500E	0.360E	0.310E	0.047E	0.279	0.568	2.40	5
6	0.800B	1.11	0.829	1.24	0.959	0.460E	1.60 E	0.290	0.043E	0.262	0.503	2.36	6
7	0.780B	1.12	0.780	1.24	0.956	0.420E	1.25 E	0.338	0.040E	0.264	0.738	2.33	7
8	0.960B	1.05	0.724	1.26	0.916	0.500E	0.970E	0.381	0.038E	0.459	1.11	2.28	8
9	1.26	1.13	0.643	1.21	0.935	0.748	0.790E	0.393	0.036	0.654	1.21	2.21	9
10	1.39	1.21	0.607	1.12	0.969	0.947	0.660E	0.355E	0.035	0.699	1.22	2.08	10
11	1.77	1.30	0.597	1.03	0.949	1.05	0.560E	0.315E	0.049	0.739	1.21	1.92	11
12	1.87	2.00	0.578	0.939	0.927	1.11	0.490E	0.277E	0.042E	0.732	1.08	1.76	12
13	1.84	3.42	0.534	0.830	0.963	1.04	0.410E	0.248E	0.037E	0.673	0.939	1.43	13
14	1.60	3.70	0.521	0.733	0.982	0.903	0.365	0.225E	0.032E	0.571	0.823	1.15 A	14
15	1.32	2.75	0.551	0.663	0.956	0.767	0.421	0.210E	0.030	0.525	0.748	1.04 E	15
16	1.11	1.99	0.604	0.624	0.954	0.743	0.395E	0.400E	0.040	0.496	0.733	1.70 E	16
17	0.900B	1.57	1.02	0.565	0.956	0.787	0.367E	0.520E	0.048	0.487	0.766	2.05 E	17
18	0.800B	1.26	2.11	0.558	1.09	1.05	0.347E	0.390E	0.054	0.494	0.923	1.88 E	18
19	0.720B	1.13	2.39	0.583	1.16	1.01	0.320E	0.315E	0.075	0.515	1.11	1.72 E	19
20	0.650B	1.04	2.25	0.574	1.16	0.981	0.300E	0.272E	0.062	0.570	1.11	1.57 E	20
21	0.600B	0.989	1.70	0.573	1.17	1.03	1.00 E	0.227E	0.064	0.714	1.55	1.46 A	21
22	0.560B	0.947	1.52	0.604	1.15	1.06	2.50 E	0.195E	0.057	0.792	3.25	1.33 B	22
23	0.520B	0.896	1.29	0.574	1.24	1.17	2.00 E	0.170E	0.088	0.842	3.27	1.22 B	23
24	0.490B	0.866	1.08	0.553	2.49	1.34	1.70 E	0.148E	0.217	0.811	2.73	1.12 B	24
25	0.470B	0.871	0.967	0.603	3.40	1.38	1.40 E	0.130E	0.321	0.713	2.13	1.03 B	25
26	0.447	0.884	0.860	0.651	3.58	1.35	1.18 E	0.117E	0.349	0.649	1.59	0.940B	26
27	0.426	0.930	0.800	0.673	3.12	1.25	0.980E	0.104E	0.376	0.680	1.29	0.870B	27
28	0.468	1.01	0.772	0.677	2.35	0.933	0.830E	0.093E	0.399	0.759	1.14	0.800B	28
29	0.438		0.713	0.665	1.85	0.644	0.710E	0.084E	0.377	0.931	1.00	0.720B	29
30	0.420B		0.706	0.724	1.54	0.589	0.620E	0.076E	0.365	1.03	0.932	0.840B	30
31	0.380B		0.782		1.20 E		0.540E	0.069E		1.04		0.700B	31
TOTAL	27.419	36.695	30.864	25.876	41.973	26.733	24.540	8.277	3.547	18.630	37.135	45.581	TOTAL
MEAN	0.884	1.31	0.996	0.863	1.35	0.891	0.792	0.267	0.118	0.601	1.24	1.47	MEAN
MAX	1.87	3.70	2.39	1.34	3.58	1.38	2.50	0.520	0.399	1.04	3.27	2.40	MAX
MIN	0.380	0.357	0.521	0.553	0.731	0.420	0.285	0.069	0.030	0.262	0.503	0.695	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.897
MAXIMUM DAILY, 3.70 ON FEB 14
MINIMUM DAILY, 0.030 ON SEP 15
MAXIMUM INSTANTANEOUS,
3.81 AT 19:33 AST ON FEB 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 41 06 N
LONG 63 52 18 W
DRAINAGE AREA, 26.9 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 370	JUL	2 120
FEB	3 170	AUG	715
MAR	2 670	SEP	306
APR	2 240	OCT	1 610
MAY	3 630	NOV	3 210
JUN	2 310	DEC	3 940

TOTAL DISCHARGE, 28 300 dam³

FRASER BROOK NEAR ARCHIBALD - STATION NO. 01DH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.470B	0.052B	0.237	0.982	0.273	0.143	0.101	0.051	0.016	0.111	0.309	0.128	1
2	0.360B	0.050B	0.201	0.715	0.263	0.101	0.080	0.033	0.015	0.078	0.273	0.370	2
3	0.285B	0.350B	0.179	0.982	0.385	0.082	0.066	0.025	0.014	0.111	0.212	1.43	3
4	0.235B	1.00 B	0.160	0.689	0.420	0.075	0.058	0.019	0.012	0.081	0.170	1.20	4
5	0.195B	0.460B	0.147	0.667	0.317	0.072	0.162	0.029	0.011	0.063	0.149	0.578A	5
6	0.168B	0.350B	0.142	0.900	0.275	0.059	0.505	0.066	0.011	0.051	0.188	0.800E	6
7	0.178B	0.270B	0.147	0.685	0.341	0.062	0.205	0.056	0.014	0.301	1.17	0.670E	7
8	0.220B	0.260B	0.135	0.444	0.266	0.057	0.136	0.052	0.013	0.310	0.584	0.570E	8
9	0.320B	0.320B	0.121	0.348	0.181	0.436	0.101	0.041	0.016	0.233	0.388	0.480E	9
10	0.460B	0.300B	0.113	0.352	0.153	0.699	0.071	0.030	0.038	0.189	0.298	0.560E	10
11	0.720B	0.290B	0.104	0.281	0.144	0.303	0.212	0.025	0.021	0.154	0.253	0.490E	11
12	1.00 B	1.80 B	0.099	0.236	0.150	0.186	0.223	0.023	0.017	0.124	0.247	0.450E	12
13	0.270B	0.700B	0.092	0.187	0.208	0.208	0.117	0.033	0.013	0.104	0.184	0.410E	13
14	0.150B	0.490B	0.102	0.170	0.192	0.226	0.379	0.044	0.011	0.087	0.166	0.365E	14
15	0.090B	0.390B	0.136	0.203	0.132	0.151	0.390	0.022	0.010	0.077	0.190	0.332A	15
16	0.080B	0.323	0.131	0.153	0.107	0.129	0.221	0.044	0.032	0.071	0.240	2.09	16
17	0.074B	0.275	1.40	0.152	0.837	0.136	0.134	1.29	0.063	0.163	0.454	0.967	17
18	0.072B	0.246	0.840	0.194	0.480	0.106	0.094	0.613	0.030	0.143	0.666	0.552	18
19	0.066B	0.246	0.427	0.289	0.300	0.078	0.077	0.280	0.046	0.244	0.751	0.426	19
20	0.063B	0.240	0.319	0.188	0.216	0.060	0.067	0.158	0.104	0.450	0.485	0.328	20
21	0.061B	0.293B	0.242	0.169	0.174	0.363	0.145	0.113	0.047	0.217	2.23	0.262	21
22	0.057B	0.300	0.208	0.152	0.152	0.248	0.208	0.083	0.029	0.163	1.10	0.276	22
23	0.055B	0.277	1.80 B	0.207	0.883	0.617	0.105	0.066	0.487	0.138	0.640	0.301	23
24	0.052B	0.258	1.58 B	0.220	0.851	0.242	0.067	0.058	0.261	0.155	0.450	0.240	24
25	0.058B	0.268	1.50 B	0.206	0.455	0.216	0.048	0.046	0.238	0.146	0.340	0.198	25
26	0.062B	0.360	1.45 B	0.161	0.327	0.661	0.038	0.035	0.136	0.223	0.282	0.172	26
27	0.070B	0.407	1.40 B	0.137	0.244	0.398	0.060	0.030	0.087	1.06	0.230	0.160	27
28	0.062B	0.306	1.35 B	0.125	0.217	0.219	0.103	0.032	0.071	1.44	0.205	0.140B	28
29	0.060B		1.30 B	0.186	0.168	0.157	0.056	0.026	0.072	0.977	0.185	0.138B	29
30	0.056B		0.159	0.555	0.149	0.127	0.096	0.022	0.154	0.549	0.159	0.128B	30
31	0.054B		2.10		0.149		0.099	0.019		0.384		0.123B	31
TOTAL	6.123	10.881	18.321	10.935	9.409	6.617	4.420	3.464	2.089	8.597	13.198	15.342	TOTAL
MEAN	0.198	0.389	0.591	0.365	0.304	0.221	0.143	0.112	0.070	0.277	0.440	0.495	MEAN
MAX	1.00	1.80	2.10	0.982	0.883	0.699	0.505	1.29	0.487	1.44	2.23	2.09	MAX
MIN	0.052	0.050	0.092	0.125	0.107	0.057	0.034	0.019	0.010	0.051	0.149	0.123	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.300
MAXIMUM DAILY, 2.23 ON NOV 21
MINIMUM DAILY, 0.010 ON SEP 15
MAXIMUM INSTANTANEOUS,
3.80 AT 10:53 AST ON NOV 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 20 35 N
LONG 63 10 05 W
DRAINAGE AREA, 9.07 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	529	JUL	382
FEB	940	AUG	299
MAR	1 580	SEP	180
APR	945	OCT	743
MAY	813	NOV	1 140
JUN	572	DEC	1 330

TOTAL DISCHARGE, 9 450 dam³

GOLD RIVER AT HOSHER'S FALLS - STATION NO. 01EG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.3	6.15B	19.0	34.2	8.93	9.60	4.02	2.94	0.578	2.01	19.9	9.74	1
2	12.4 B	6.05B	17.4	33.1	8.68	8.36	3.63	2.49	0.517	1.79	16.4	9.49	2
3	9.80B	17.8	15.5	32.2	8.58	7.12	3.19	2.02	0.465	1.94	13.4	29.8	3
4	8.70B	30.9	14.0	32.1	9.21	6.18	2.66	1.67	0.427	2.46	11.4	40.9	4
5	7.98B	29.3	12.3	29.3	9.95	5.98	2.35	1.51	0.411	2.37	9.86	38.1	5
6	7.40B	26.1	11.4	28.1	10.1	5.91	7.28	2.06	0.393	2.11	8.88	34.9	6
7	7.05B	22.8	10.4	28.9	10.2	5.59	10.9	9.73	0.358	2.90	32.0	39.1	7
8	23.4	20.8	9.65	26.2	11.1	7.26	8.34	11.3	0.350	7.58	39.0	35.6	8
9	35.8	25.2 B	8.59	21.8	10.0	7.29	6.67	9.23	0.337	7.38	30.5	29.4	9
10	32.7	31.5 B	7.87	18.5	8.77	12.5	5.61	7.55	0.324	6.28	23.3	25.9	10
11	34.5	29.5	7.35	16.1	7.98	12.4	4.69	6.17	0.298	5.28	18.8	24.4	11
12	31.1	48.9	6.91	14.9	7.26	10.3	3.89	5.11	0.270	4.58	15.9	20.9	12
13	25.9 B	69.0 B	6.38	12.8	7.20	8.73	3.31	4.75	0.274	4.04	13.4	17.8	13
14	21.0 B	58.0 B	6.26	11.2	9.83	7.45	3.37	5.33	0.282	3.67	11.7	15.5	14
15	18.1 B	46.1	10.7	10.2	9.43	6.39	3.82	4.91	0.280	3.32	10.4	14.3	15
16	16.1 B	34.5	11.0	9.58	8.45	5.55	3.56	4.12	0.341	2.98	13.1	33.4	16
17	14.6 B	25.3	21.5	8.84	10.5	5.65	3.01	3.68	0.585	2.82	21.8	50.3	17
18	13.2 B	21.8	47.9	8.56	13.9	5.73	2.55	3.28	0.720	2.63	35.2	38.9	18
19	12.1 B	20.4	40.5	8.24	12.5	5.03	2.26	2.82	0.675	3.04	46.2	29.9	19
20	11.2 B	19.6	31.4	7.57	11.0	4.57	2.00	2.40	0.629	13.9	41.7	23.6	20
21	10.4 B	19.4	24.4	7.16	9.50	4.76	3.75	2.15	0.573	15.6	57.3	19.1	21
22	9.70B	20.1 B	20.0	7.03	8.43	7.03	17.9	1.89	0.528	13.5	73.0	15.8	22
23	9.10B	18.8 B	17.0	6.40	11.3	9.32	15.1	1.71	0.815	11.8	50.6	14.6	23
24	8.60B	17.8 B	15.0	6.03	22.0	10.2	10.3	1.48	2.09	11.0	35.2	14.0	24
25	8.18B	17.1 B	13.4	6.87	25.5	8.45	7.82	1.23	5.06	11.2	26.5	12.7	25
26	7.80B	16.9 B	12.0	7.27	22.5	7.47	6.21	1.03	4.82	10.6	20.7	11.3	26
27	7.45B	18.6 B	11.0	6.90	18.7	7.27	5.03	0.944	3.66	15.7	17.0	10.3	27
28	7.05B	20.5 B	11.3	6.42	15.6	6.27	4.57	0.832	3.03	24.1	14.6	9.54	28
29	6.80B		11.2	6.15	13.1	5.07	4.13	0.731	2.60	37.1	13.2	9.05	29
30	6.58B		11.0	7.86	11.3	4.43	3.55	0.646	2.27	32.7	11.4	10.7	30
31	6.35B		19.5		10.7		3.29	0.616		25.2		10.7	31
TOTAL	444.34	738.90	481.81	460.48	362.20	217.86	168.76	106.329	33.960	291.58	752.34	699.72	TOTAL
MEAN	14.3	26.4	15.5	15.3	11.7	7.26	5.44	3.43	1.13	9.41	25.1	22.6	MEAN
MAX	35.8	69.0	47.9	34.2	25.5	12.5	17.9	11.3	5.06	37.1	73.0	50.3	MAX
MIN	6.35	6.05	6.26	6.03	7.20	4.43	2.00	0.616	0.270	1.79	8.88	9.05	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.0
MAXIMUM DAILY, 73.0 ON NOV 22
MINIMUM DAILY, 0.270 ON SEP 12
MAXIMUM INSTANTANEOUS,
80.9 AT 01:30 AST ON NOV 22

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 33 52 N
LONG 64 21 06 W
DRAINAGE AREA, 370 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	38 400	JUL	14 600
FEB	63 800	AUG	9 190
MAR	41 600	SEP	2 930
APR	39 800	OCT	25 200
MAY	31 300	NOV	65 000
JUN	18 800	DEC	60 500

TOTAL DISCHARGE, 411 000 dam³

GRAND RIVER AT LOCH LOMOND - STATION NO. 01FN001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.7	2.78E	5.21	6.33	5.24	7.34	2.40	2.83	3.44	1.69	7.90	6.70	1
2	13.1	2.55A	5.23	6.75	5.87	6.63	2.23	2.69	3.08	1.67	7.40	6.14	2
3	12.9 A	2.69	5.04	7.19	6.53	6.03	2.06	2.46	2.85	1.73	6.93	6.88	3
4	12.1 E	3.07	4.77	7.58	7.57	5.51	1.91	2.32	2.60	1.85	6.58	10.6	4
5	11.2 E	3.21A	4.60	7.51	8.62	4.99	1.74	2.21	2.32	1.85	6.16	13.3	5
6	10.3 A	3.30A	4.45	7.40	8.77	4.48	1.84	2.10	2.12	1.82	5.58	15.1	6
7	9.48	3.41	4.62	7.38	8.63	4.06	1.94	2.14	1.97	1.97	5.65	16.2	7
8	9.17	3.45	4.75	7.18	8.24	3.65	1.92	2.27	1.77	3.17	6.19	16.1	8
9	9.14	3.80	4.67	6.76	7.87	3.30	1.86	2.30	1.54	4.00	6.30	15.1	9
10	8.98	4.38	4.46	6.42	7.34	4.03	1.78	2.31	1.51	4.51	6.12	14.0	10
11	9.50	4.81	4.27	6.18	6.72	4.35	1.77	2.20	1.37	4.55	5.87	13.0	11
12	9.64	5.40	4.10	5.83	6.21	4.29	1.69	2.06	1.27	4.48	5.58	11.9	12
13	9.69	6.75	3.86	5.37	5.77	4.05	1.53	1.90	1.20	4.36	5.29	10.8	13
14	9.76	7.29	3.64	4.83	5.28	3.75	1.75	1.85	1.11	4.12	4.94	9.75	14
15	9.43	7.14	3.65	4.48	4.89	3.39	2.42	1.74	1.03	3.73	4.62	9.08	15
16	8.93	6.72	3.59	4.32	4.55	3.15	2.77	1.63	0.987	3.57	4.45	10.7	16
17	8.34	6.25	3.85	3.91	4.21	2.99	2.82	3.85	1.03	5.26	4.32	11.8	17
18	7.94	5.91	4.82	3.72	4.08	2.84	2.78	10.1	1.02	6.47	4.64	11.9	18
19	7.36	5.58	5.25	3.91	3.85	2.51	2.67	11.3	1.01	6.59	5.30	11.3	19
20	6.78	5.27	5.30	4.42	3.71	2.28	2.57	11.5	1.02	6.59	5.71	10.4	20
21	6.26A	4.91	5.62	4.86	3.46	2.33	2.43	11.1	1.05	6.35	6.71	9.52	21
22	5.77A	4.63	5.45	5.07	3.26	2.69	2.94	10.1	1.07	6.16	9.46	8.72	22
23	5.31	4.41	5.15	5.12	4.44	2.75	3.36	9.21	1.14	5.91	10.1	8.24	23
24	4.84	4.21	4.88	5.25	8.49	2.91	3.44	8.38	1.39	5.41	10.0	7.88	24
25	4.39	4.04	4.65	5.44	10.1	2.85	3.24	7.60	1.62	5.28	9.59	7.26	25
26	4.03	3.98	4.35	5.42	10.3	2.76	2.97	6.58	1.72	5.08	9.34	6.68	26
27	3.68	4.35	4.12	5.33	9.96	2.79	2.70	5.92	1.70	5.80	8.87	6.17	27
28	3.51	4.97	3.91	5.10	9.65	2.82	2.99	5.36	1.62	7.03	8.32	5.65B	28
29	3.36A		3.54	4.85	9.13	2.73	2.91	4.78	1.74	8.27	7.84	5.40B	29
30	3.07E		3.37	4.92	8.46	2.51	2.86	4.27	1.73	8.54	7.29	5.20B	30
31	2.92E		4.27		7.78		2.87	3.86		8.38		5.05B	31
TOTAL	243.58	129.26	139.44	168.83	208.98	110.76	75.16	148.92	49.027	146.19	203.05	306.52	TOTAL
MEAN	7.86	4.62	4.50	5.63	6.74	3.69	2.42	4.80	1.63	4.72	6.77	9.89	MEAN
MAX	13.1	7.29	5.62	7.58	10.3	7.34	3.44	11.5	3.44	8.54	10.1	16.2	MAX
MIN	2.92	2.55	3.37	3.72	3.26	2.28	1.53	1.63	0.987	1.67	4.32	5.05	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.29
MAXIMUM DAILY, 16.2 ON DEC 7
MINIMUM DAILY, 0.987 ON SEP 16
MAXIMUM INSTANTANEOUS,
16.8 AT 12:30 AST ON DEC 7

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 43 48 N
LONG 60 36 12 W
DRAINAGE AREA, 120 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	21 000	JUL	6 490
FEB	11 200	AUG	12 900
MAR	12 000	SEP	4 240
APR	14 600	OCT	12 600
MAY	18 100	NOV	17 500
JUN	9 570	DEC	26 500

TOTAL DISCHARGE, 167 000 dam³

INDIAN BROOK AT INDIAN BROOK - STATION NO. 01PE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	23.9	2.18B	7.95B	14.7	21.0	2.44E	1.48	1.64	1.04	11.3	5.53	3.09	1
2	10.0 B	2.12B	5.10B	13.9	17.0 A	2.25E	1.36	1.29	0.976	8.60	5.03	2.88	2
3	4.40B	2.08B	4.25B	34.1	12.0 E	2.07A	1.18	1.12	0.915	15.1	4.42	16.0	3
4	3.90B	11.0 B	3.75B	23.4	20.0 E	1.93	1.02	0.948	0.843	10.6	3.86	50.5	4
5	3.70B	9.00B	4.40B	46.4	16.0 E	1.75	0.953	0.876	0.822	6.56	3.54	35.4	5
6	3.55B	5.00B	5.80B	62.7	13.0 E	1.58	1.79	1.27	0.828	5.31	3.40	57.1	6
7	3.42B	3.90B	9.80B	40.2	11.4 E	1.49	2.69	14.0	0.854	14.5	63.1	62.2	7
8	13.5 B	3.50B	7.00B	18.7	10.0 E	1.44	1.85	10.2	0.851	47.5	29.5	31.2	8
9	9.00B	3.35B	5.20B	17.4	9.30E	1.29	2.85	5.06	0.718	23.3	19.2	15.0	9
10	5.90B	3.05B	4.62B	30.5	8.50E	9.25	1.84	3.47	1.22	22.3	16.7	11.2	10
11	16.5 B	3.01B	3.35B	20.2	7.80A	5.38	1.37	2.85	1.19	12.4	13.3	10.9	11
12	9.20B	18.0 B	2.95B	13.8	6.95	3.26	1.13	2.43	0.908	8.31	11.6	8.44	12
13	6.80B	17.0 B	2.65B	9.70	5.85	2.57	1.03	2.40	0.781	6.23	8.31	6.54	13
14	4.20B	9.00B	2.40B	7.45	5.17	2.22	6.35	2.41	1.43	5.06	4.41	5.31	14
15	3.70B	8.00B	2.25B	12.7	4.33	1.91	8.36	2.03	1.37	4.20	3.61	4.74	15
16	3.42B	5.90B	2.10B	8.85	3.58A	1.67	4.66	2.16	1.15	3.66	3.39	23.3	16
17	3.25B	5.00B	15.0 B	7.10	4.02E	1.56	3.01	49.6	1.71	8.55	3.91	22.1	17
18	3.09B	4.60B	42.0 B	9.13	5.10E	1.65	2.25	28.2	1.85	7.07	7.52	11.2	18
19	2.97B	4.20B	16.0 B	9.60	3.90E	1.38	2.05	10.1	1.58	4.90	20.9	8.10	19
20	2.86B	3.78B	7.60B	9.13	3.40E	1.19	2.73	5.95	6.85	6.47	13.8	6.29	20
21	2.78B	3.50B	4.80B	6.91	3.10E	3.05	1.94	4.27	3.88	5.11	56.0	4.91	21
22	2.67B	3.20B	4.20B	5.85	2.84E	5.63	3.13	3.18	2.44	3.93	39.4	3.90B	22
23	2.61B	3.00B	3.70B	5.71	9.00E	3.18	2.19	2.67	11.3	3.40	18.8	3.10B	23
24	2.54B	2.75B	3.40B	5.28	28.5 E	2.46	1.57	2.32	59.8	5.08	11.0	2.65B	24
25	2.48B	3.40B	3.10B	5.61	22.0 E	1.79	1.29	2.08	39.2	6.39	7.72	2.40B	25
26	2.43B	6.20B	2.90B	5.98	12.0 E	5.55	1.13	1.86	13.3	4.56	6.35	2.20B	26
27	2.40B	12.5 B	2.75B	6.92	4.60E	6.42	1.13	1.69	6.80	5.98	5.28	1.93B	27
28	3.02B	9.50B	2.60B	7.36	3.60E	2.99	5.79	1.55	4.86	20.4	4.52	1.74B	28
29	2.58B		2.47B	9.51	3.15E	2.11	2.86	1.38	5.70	24.5	3.93	1.58B	29
30	2.32B		2.40B	29.7	2.85E	1.77	2.07	1.21	5.89	10.5	3.59	1.47B	30
31	2.23B		11.4		2.60E		2.15	1.16		7.12		1.41B	31
TOTAL	165.32	167.72	197.89	498.49	282.54	83.23	75.203	171.374	181.052	328.89	401.62	418.78	TOTAL
MEAN	5.33	5.99	6.38	16.6	9.11	2.77	2.43	5.53	6.04	10.6	13.4	13.5	MEAN
MAX	23.9	18.0	42.0	62.7	28.5	9.25	8.36	49.6	59.8	47.5	63.1	62.2	MAX
MIN	2.23	2.08	2.10	5.28	2.60	1.19	0.953	0.876	0.714	3.40	3.39	1.41	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.14
MAXIMUM DAILY, 63.1 ON NOV 7
MINIMUM DAILY, 0.714 ON SEP 9
MAXIMUM INSTANTANEOUS,
136 AT 12:10 AST ON NOV 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 22 15 N
LONG 60 32 05 W
DRAINAGE AREA, 125 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1978

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	14 300	JUL	6 500
FEB	14 500	AUG	14 800
MAR	17 100	SEP	15 600
APR	43 100	OCT	28 400
MAY	24 400	NOV	34 700
JUN	7 190	DEC	36 200

TOTAL DISCHARGE, 257 000 dam³

KEJIMKUJIK LAKE - STATION NO. 01ED006

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.146	1.069	1.641	1.476	1.210	1.032	0.930	0.814	0.747	0.687	1.327	1.586	1
2	1.148	1.055	1.625	1.604	1.208	1.019	0.917	0.808	0.731	0.705	1.346	1.552	2
3	1.153	1.081	1.611	1.695	1.201	0.997	0.910	0.794	0.714	0.742	1.354	1.601	3
4	1.149	1.113	1.587	1.759	1.196	0.983	0.895	0.780	0.704	0.770	1.341	1.661	4
5	1.149	1.151	1.563	1.808	1.189	0.986	0.887	0.770	0.690	0.784	1.330	1.713	5
6	1.142	1.178	1.527	1.849	1.185	0.980	0.908	0.786	0.672	0.797	1.328	1.773	6
7	1.142	1.206	1.497	1.891	1.179	0.980	0.907	0.829	0.665	0.829	1.338	1.821	7
8	1.184	1.239	1.462	1.914	1.168	0.978	0.907	0.875	0.655	0.857	1.343	1.844	8
9	1.216	1.293	1.425	1.922	1.157	0.976	0.893	0.917	0.646	0.876	1.341	1.850	9
10	1.259	1.331	1.393	1.919	1.136	1.000	0.886	0.943	0.652	0.894	1.334	1.844	10
11	1.308	1.371	1.362	1.884	1.114	0.994	0.878	0.960	0.637	0.907	1.324	1.820	11
12	1.323	1.456	1.329	1.847	1.094	0.998	0.863	0.970	0.632	0.918	1.305	1.785	12
13	1.355	1.573	1.302	1.793	1.101	0.996	0.842	0.986	0.630	0.923	1.287	1.739	13
14	1.362	1.691	1.280	1.741	1.096	0.990	0.829	0.992	0.621	0.928	1.266	1.695	14
15	1.364	1.798	1.262	1.712	1.079	0.984	0.815	0.992	0.611	0.928	1.250	1.657	15
16	1.358	1.862	1.234	1.658	1.072	0.966	0.809	0.993	0.618	0.924	1.256	1.691	16
17	1.342	1.899	1.258	1.603	1.075	0.959	0.796	0.994	0.629	0.923	1.286	1.737	17
18	1.338	1.905	1.313	1.561	1.071	0.953	0.778	0.980	0.623	0.918	1.336	1.768	18
19	1.320	1.882	1.350	1.523	1.066	0.935	0.767	0.968	0.617	0.933	1.397	1.803	19
20	1.299	1.852	1.382	1.477	1.058	0.919	0.750	0.954	0.619	0.962	1.433	1.817	20
21	1.265	1.827	1.396	1.450	1.040	0.932	0.771	0.937	0.601	0.979	1.537	1.805	21
22	1.247	1.800	1.402	1.418	1.020	0.936	0.820	0.924	0.597	0.987	1.655	1.777	22
23	1.228	1.760	1.405	1.365	1.023	0.956	0.830	0.908	0.592	0.999	1.740	1.749	23
24	1.211	1.728	1.399	1.337	1.044	0.964	0.839	0.885	0.608	1.035	1.791	1.722	24
25	1.189	1.701	1.386	1.316	1.058	0.955	0.837	0.870	0.625	1.050	1.806	1.688	25
26	1.163	1.675	1.370	1.294	1.063	0.965	0.838	0.851	0.633	1.073	1.801	1.652	26
27	1.143	1.665	1.351	1.269	1.067	0.969	0.831	0.835	0.638	1.124	1.775	1.604	27
28	1.124	1.654	1.338	1.245	1.062	0.961	0.824	0.820	0.651	1.175	1.735	1.571	28
29	1.109		1.330	1.223	1.054	0.951	0.824	0.796	0.669	1.227	1.701	1.532	29
30	1.100		1.319	1.220	1.042	0.940	0.824	0.779	0.683	1.272	1.641	1.498	30
31	1.089		1.371		1.036		0.825	0.768		1.304		1.458	31
MEAN	1.223	1.529	1.402	1.592	1.102	0.972	0.846	0.886	0.647	0.949	1.457	1.704	MEAN
MAX	1.364	1.905	1.641	1.922	1.210	1.032	0.930	0.994	0.747	1.304	1.806	1.850	MAX
MIN	1.089	1.055	1.234	1.220	1.020	0.919	0.750	0.768	0.592	0.687	1.250	1.458	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 1.190
MAXIMUM DAILY, 1.922 ON APR 9
MINIMUM DAILY, 0.592 ON SEP 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 22 58 N
LONG 65 12 23 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 88.072 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

KELLEY RIVER (MILL CREEK) AT EIGHT MILE FORD - STATION NO. 01DL001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.60 B	0.790B	1.85 B	6.57	2.04	1.75 E	1.07	0.250E	0.081	0.383	1.86	1.27	1
2	3.60 B	0.740B	1.70 B	5.55	1.52	1.62 E	0.965	0.210E	0.078	0.365	1.96	3.39	2
3	3.00 B	3.00 B	1.60 B	10.0	1.26	1.49 E	0.753	0.197	0.077	1.25	1.61	29.1	3
4	2.55 B	10.0 B	1.50 B	6.97	1.18 A	1.39 E	0.652	0.182	0.075	1.14	1.32	10.9	4
5	2.20 B	7.30 B	1.40 B	9.37	1.09 A	1.30 E	0.588	0.184	0.070	0.860	1.13	4.97	5
6	1.94 B	5.90 B	1.35 B	11.1	1.06	1.27 E	0.673	0.187	0.065	0.632	1.61	8.23	6
7	1.60 B	4.90 B	1.24 B	8.21	1.39	1.22 E	0.814	0.263	0.067	1.21	7.41	6.81	7
8	5.60 B	4.00 B	1.17 B	4.20	1.37	1.09 A	0.652	0.288	0.070	2.04	5.05	4.01	8
9	4.50 B	5.30 B	1.03 B	2.97	1.05	0.929	0.562	0.315	0.070	1.72	3.00	2.87	9
10	3.60 B	4.70 B	1.05	2.82	0.970	2.38	0.496	0.284	0.072	1.48	2.01	2.49	10
11	3.10 B	4.20 B	0.963	2.44	0.779	2.27	0.419	0.222	0.074	1.17	1.61	2.58	11
12	2.70 B	14.5 B	0.992	2.04	0.740	1.55	0.417	0.236	0.071	0.935	1.49	2.27	12
13	2.37 B	10.5 B	1.01	1.70	1.04	1.26	0.398	0.337	0.073	0.767	1.24	1.83	13
14	2.05 B	8.50 B	1.09	1.51	1.47	1.02	0.471	0.322	0.066	0.661	1.09	1.65	14
15	1.87 B	6.80 B	1.99	2.61	1.01	0.826	0.551	0.287	0.054	0.577	1.01	1.71	15
16	1.70 B	5.50 B	1.96	2.04	0.830	0.767	0.573	0.220	0.060	0.524	1.00	14.8	16
17	1.53 B	4.50 B	3.32	1.58	2.56	0.845	0.433	0.189	0.053	0.495	4.59	11.5	17
18	1.42 B	3.80 B	5.96	1.63	2.70	0.826	0.341	0.404	0.059	0.454	10.2	4.51	18
19	1.29 B	3.23 B	4.03	2.38	1.62 A	0.670	0.285	0.500	0.056	4.26	12.0	2.87	19
20	1.21 B	2.90 B	2.96	1.85	1.49 E	0.538	0.269	0.345	0.063	8.75	5.44	2.25	20
21	1.13 B	2.60 B	2.25	1.58	1.38 E	1.77	0.353	0.262	0.070	3.57	21.1	2.32	21
22	1.06 B	2.50 B	2.05	1.51	1.30 E	2.21	1.05	0.207	0.070	2.12	11.3	2.39	22
23	0.980B	2.30 B	1.73	1.35	1.70 E	5.75	0.590	0.190	1.69	1.59	4.60	2.43	23
24	0.920B	2.20 B	1.63 B	1.30	4.40 E	3.13	0.396	0.156	1.76	2.99	2.95	2.03	24
25	0.880B	2.10 B	1.57 B	1.29	5.40 A	2.35	0.296	0.137	2.20	3.54	2.21	1.82	25
26	0.830B	2.20 B	1.50 B	1.23	3.90 E	16.1	0.253	0.133	1.51	2.41	1.89	1.60 B	26
27	0.800B	2.30 B	2.00	1.09	3.20 E	6.40	0.221	0.127	0.944	5.68	1.63	1.40 B	27
28	0.850B	2.10 B	2.22	0.933	2.70 E	2.93	0.342	0.119	0.660	7.55	1.45	1.30 B	28
29	1.02 B		1.99	1.06	2.38 E	1.81	0.300E	0.097	0.568	7.17	1.46	1.05 B	29
30	0.910B		2.23	2.91	2.14 E	1.34	0.350E	0.089	0.460	3.60	1.22	0.950B	30
31	0.850B		8.19		1.93 E		0.295E	0.088		2.31		0.900B	31
TOTAL	62.660	129.360	65.525	101.793	57.599	68.801	15.828	7.027	11.286	72.203	116.44	138.200	TOTAL
MEAN	2.02	4.62	2.11	3.39	1.86	2.29	0.511	0.227	0.376	2.33	3.88	4.46	MEAN
MAX	5.60	14.5	8.19	11.1	5.40	16.1	1.07	0.500	2.20	8.75	21.1	29.1	MAX
MIN	0.800	0.740	0.963	0.933	0.740	0.538	0.221	0.088	0.053	0.365	1.00	0.900	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.32
MAXIMUM DAILY, 29.1 ON DEC 3
MINIMUM DAILY, 0.053 ON SEP 17
MAXIMUM INSTANTANEOUS,
39.9 AT 07:30 AST ON DEC 3

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 35 10 N
LONG 64 27 05 W
DRAINAGE AREA, 63.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 410	JUL	1 370
FEB	11 200	AUG	607
MAR	5 660	SEP	975
APR	8 790	OCT	6 240
MAY	4 980	NOV	10 100
JUN	5 940	DEC	11 900

TOTAL DISCHARGE, 73 200 dam³

LA HAVE RIVER AT WEST NORTHFIELD - STATION NO. 01EF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	31.8	21.6B	71.4	105	30.3	28.2	14.4	7.73	3.20	8.30	75.7	46.0	1
2	31.5B	21.5	66.5	115	30.7	25.0	23.3	6.88	2.92	7.78	65.4	43.7	2
3	30.0B	33.1	60.7	114	29.8	22.1	18.2	6.28	2.57	8.10	56.8	86.8	3
4	27.8B	58.0	54.2	114	29.1	20.2	13.9	5.77	2.50	9.88	48.9	123	4
5	26.3B	64.7	49.2	109	29.3	19.9	12.0	5.24	2.44	10.8	42.7	125	5
6	26.4B	64.0	44.2	104	28.5	18.9	25.3	6.52	2.27	11.0	39.2	134	6
7	23.5B	60.6	40.9	108	28.0	17.7	30.4	16.1	2.11	12.5	64.7	145	7
8	49.0	58.4	38.0	102	28.8	16.9	25.5	22.0	2.06	19.7	71.4	135	8
9	63.8	69.7	34.9	92.7	27.8	16.4	20.7	22.3	2.01	24.8	68.1	120	9
10	65.0	77.4	32.2	81.7	25.5	23.2	17.0	19.8	1.93	24.3	59.6	106	10
11	63.8	75.6	30.9	72.2	23.5	25.3	14.3	16.4	1.82	21.9	52.9	95.0	11
12	60.3	130	29.0	64.2	21.8	24.0	12.1	14.1	1.68	19.4	47.0	83.7	12
13	56.6	202	26.9	56.3	21.6	21.3	10.8	13.8	1.64	17.3	42.3	72.9	13
14	53.1	197	25.6	48.8	24.2	18.8	10.3	15.9	1.61	15.6	37.6	63.6	14
15	49.2	168	28.0	44.3	24.2	17.0	10.5	16.6	1.59	14.5	34.7	57.9	15
16	45.3	136 A	28.4	41.6	23.2	15.8	9.40	15.2	1.69	13.7	39.9	93.3	16
17	41.4	118 E	52.3	38.5	26.9	15.6	8.80	13.4	1.98	13.1	62.1	126	17
18	37.4	107 A	99.2	35.6	32.7	15.4	8.30	11.7	1.95	11.9	88.1	120	18
19	35.0B	89.7	98.9	33.6	31.4	14.3	7.85	10.1	1.94	13.7	111	106	19
20	32.5B	82.3	87.9	32.0	31.0	13.5	7.13	8.94	2.07	37.6	113	91.9	20
21	31.0B	78.3	77.6	30.9	28.9	13.4	11.1	7.92	2.04	47.4	160	78.5	21
22	29.0B	77.4	68.1	30.6	26.1	17.3	29.5	7.31	2.[illegible]	45.2	207	66.6	22
23	27.5B	75.7	60.1	29.0	28.8	22.7	26.9	6.45	2 [illegible]	39.9	178	62.9	23
24	26.0B	71.6	54.2	27.6	44.3	25.2	21.1	5.82	4 [illegible]	36.5	144	58.8	24
25	24.5B	67.4	49.4	27.9	52.3	24.0	16.3	5.39	8 [illegible]	40.9	118	52.7	25
26	24.0B	67.4	44.9	28.4	50.1	21.5	13.3	4.88	11.1	43.5	97.3	47.3	26
27	23.0B	72.9	41.7	28.0	45.5	20.3	11.4	4.45	11.9	54.2	80.7	43.1	27
28	22.7B	74.3	40.7	26.3	40.3	18.5	10.6	4.21	11.1	76.9	68.3	39.2	28
29	22.3B		40.1	24.9	35.8	16.6	9.57	3.95	9.97	103	59.3	37.3	29
30	21.9B		39.7	27.3	32.5	15.1	9.11	3.69	9.03	101	51.4	38.1	30
31	21.7B		60.5		30.6		8.49	3.39		87.7		34.9	31
TOTAL	1 123.3	2 419.6	1 576.3	1 793.4	966.1	584.1	467.55	312.22	118.21	992.06	2 385.1	2 534.2	TOTAL
MEAN	36.2	86.4	50.8	59.8	31.2	19.5	15.1	10.1	3.81	32.0	79.5	81.7	MEAN
MAX	65.0	202	99.2	115	52.3	28.2	30.4	22.3	11.9	103	207	145	MAX
MIN	21.7	21.5	25.6	24.9	21.6	13.4	7.13	3.39	1.59	7.78	34.7	34.9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 41.8
MAXIMUM DAILY, 207 ON NOV 22
MINIMUM DAILY, 1.59 ON SEP 15
MAXIMUM INSTANTANEOUS,
211 AT 08:24 AST ON NOV 22

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 26 48 N
LONG 64 35 30 W
DRAINAGE AREA, 1 250 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	97 100	JUL	40 400
FEB	209 000	AUG	27 000
MAR	136 000	SEP	9 870
APR	155 000	OCT	85 700
MAY	83 500	NOV	206 000
JUN	50 500	DEC	219 000

TOTAL DISCHARGE, 1 320 000 dam³

LAKE O'LAW BROOK AT EGYPT ROAD - STATION NO. 01FB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.96	0.834B	1.71	2.41	7.09	0.967	1.14	1.13	0.733	1.34	1.77	1.53	1
2	2.08 B	0.850B	1.65	3.72	6.44	0.940	1.03	1.09	0.703	1.15	1.69	1.44	2
3	1.83 B	2.06	1.52	7.78	6.07	0.864	0.986	1.06	0.685	1.18	1.52	5.55	3
4	1.69 B	1.59 B	1.41	5.21	5.92	0.846	0.983	0.992	0.688	1.06	1.44	16.7	4
5	1.57 B	1.25 B	1.37	6.18	5.10	0.842	0.960	0.957	0.684A	0.946	1.30	10.7	5
6	1.50 B	1.17 B	1.38	7.29	4.50	0.808	1.10	0.943	0.650E	0.885	1.31	10.5	6
7	1.46 B	1.15 B	1.70	6.57	3.90	0.780	1.16	0.934	0.810E	0.891	12.2	9.97	7
8	3.37	1.25 B	1.50	4.76	3.41	0.781	1.21	0.935	0.705E	1.05	9.37	6.63	8
9	2.72	1.98	1.37	4.01	2.89	0.799	1.23	1.01	0.615E	0.937	5.02	4.90	9
10	2.36	1.76	1.33	4.06	2.62	1.26	1.04	1.08	0.750E	0.909	3.41	4.05	10
11	4.44	1.55	1.25	3.64	2.38	1.05	0.994	0.928	0.690E	0.859	2.89	3.45	11
12	3.38	3.87	1.19	3.29	2.13	0.973	0.936	0.897	0.630E	0.846	2.57	3.02	12
13	2.85	4.05	1.11	2.82	2.02	0.915	0.925	0.857	0.595E	0.829	2.22	2.59	13
14	2.43	2.90 B	1.10	2.46	1.83	0.855	1.18	0.823	1.25 E	0.790	1.90	2.33	14
15	2.11	2.48 B	1.10	2.62	1.71	0.832	1.33	0.793	0.930E	0.778	1.74	2.13	15
16	1.88	2.20 B	1.06	2.21	1.59	0.811	1.29	0.782	0.710E	0.753	1.59	3.85	16
17	1.70	2.04	4.11	2.07	1.70	0.846	1.20	2.49	0.640E	0.911	1.52	4.07	17
18	1.55 B	1.88	6.79	2.10	1.72	0.843	1.14	1.97	0.625E	0.849	1.65	3.23	18
19	1.43 B	1.74	3.96	2.62	1.48	0.785	1.11	1.71	0.605E	0.787	2.08	2.89	19
20	1.35 B	1.65	2.99	2.55	1.40	0.771	1.07	1.45	0.810E	0.891	1.95	2.55	20
21	1.28 B	1.63	2.55	2.28	1.31	1.04	1.04	1.25	1.13 E	0.821	4.40	2.21	21
22	1.21 B	1.60	2.14	2.42	1.21	1.16	1.29	1.16	0.900E	0.767	6.07	2.02	22
23	1.13 B	1.54	1.93	2.52	1.14	1.14	1.17	1.09	0.805A	0.764	4.17	1.93	23
24	1.07 B	1.55	1.76	2.30	1.39	1.08	1.01	1.03	0.715	0.935	3.28	1.79	24
25	1.03 B	1.57	1.59	2.21	1.25	1.01	0.958	0.957	0.650	0.997	2.76	1.65	25
26	1.00 B	1.57	1.44	2.21	1.14	1.65	0.935	0.924	0.605	0.971	2.36	1.44	26
27	0.960B	1.63	1.35	2.23	1.15	1.84	0.996	0.877	0.564	1.28	2.12	1.35	27
28	1.00 B	1.76	1.27	2.36	1.10	1.59	1.66	0.845	0.517	2.83	2.02	1.27	28
29	0.910B		1.21	2.79	1.09	1.37	1.25	0.821	0.577	3.74	1.84	1.20	29
30	0.867B		1.21	6.76	1.05	1.21	1.19	0.773	0.900	2.67	1.72	1.15B	30
31	0.850B		2.14		0.990		1.22	0.735		2.10		1.13	31
TOTAL	55.967	51.104	58.19	106.45	78.720	30.658	34.733	33.313	21.871	36.516	89.88	119.24	TOTAL
MEAN	1.81	1.83	1.88	3.55	2.54	1.02	1.12	1.07	0.729	1.18	3.00	3.85	MEAN
MAX	4.44	4.05	6.79	7.78	7.09	1.84	1.66	2.49	1.25	3.74	12.2	16.7	MAX
MIN	0.850	0.834	1.06	2.07	0.990	0.771	0.925	0.735	0.517	0.753	1.30	1.13	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.96
MAXIMUM DAILY, 16.7 ON DEC 4
MINIMUM DAILY, 0.517 ON SEP 28
MAXIMUM INSTANTANEOUS,
24.8 AT 04:19 AST ON DEC 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 18 53 N
LONG 60 58 23 W
DRAINAGE AREA, 37.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 840	JUL	3 000
FEB	4 420	AUG	2 880
MAR	5 030	SEP	1 890
APR	9 200	OCT	3 150
MAY	6 800	NOV	7 770
JUN	2 650	DEC	10 300

TOTAL DISCHARGE, 61 900 dam³

LISCOMB RIVER AT LISCOMB MILLS - STATION NO. 01EN002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	24.2 B	6.25B	27.0	28.9	15.1	10.9	3.98	7.47	2.45	6.97	30.5A	10.8	1
2	20.5 B	6.00B	23.4	39.1	19.2	9.24	3.49	6.41	2.06	5.40A	23.9	10.1A	2
3	17.6 B	7.78	18.7	42.0	21.6	7.90	3.08	5.26	1.89	4.80E	19.5	22.3	3
4	15.9 B	18.9	14.9	41.7	26.6	6.74	2.70	4.42	1.78	5.50E	15.9	91.3	4
5	14.0 B	33.9 A	12.2	35.9	31.7	5.73	2.31	3.76	1.53	5.02E	13.4A	103	5
6	12.6 B	36.8 A	10.2	31.0 A	31.4	5.02	3.15	3.19	1.41	4.87E	11.1	76.9	6
7	11.4 B	27.6	9.14	30.6	28.4	4.52	4.40	11.3	1.36	5.21E	12.5A	62.2	7
8	11.1 B	20.5	8.68	29.5	25.7	3.99	4.97	21.0	1.25	8.88A	28.9A	55.0	8
9	14.7 B	21.0	8.36	25.7 A	21.9	3.73	4.91	26.2	1.13	18.4	43.9E	48.8	9
10	20.0 B	27.4	7.95	21.4 A	18.0	8.53	4.83	23.0	1.44	23.7	42.2E	46.2	10
11	28.0 B	31.3	7.32	17.7	14.5	11.6	4.67	17.6	1.53	22.3	31.1	46.1	11
12	38.0 B	36.9	6.78	15.2	12.1	13.2	4.28	13.4	1.51	19.4	24.3	42.1	12
13	37.2 B	61.5	6.34	12.9	10.3	12.2	3.73	10.8	1.48	15.5	19.8	35.3	13
14	31.0 B	65.1 A	5.97	10.7	9.96	10.0	4.85	9.54	1.42	12.6 A	16.1	28.6	14
15	26.0 B	48.1	6.35	11.0	9.11	8.14	6.99	8.49	1.26	11.2 A	13.7	24.4	15
16	20.0 B	34.0 A	7.04	12.6	8.34	6.95	8.85	7.74	1.23	9.30A	12.5	49.5	16
17	15.6 B	23.6	8.82	12.6	8.38	5.90	9.27	7.98	1.23A	8.23E	16.5A	74.4	17
18	13.5 B	18.1	20.2	11.8	12.8	5.52	8.24	16.1	1.67E	8.23E	31.0A	69.7	18
19	12.0 B	15.3	34.9	11.2	15.6	4.95	6.58	28.2	1.91E	7.13E	44.8A	52.6	19
20	11.0 B	14.1	31.4	10.5	14.8	4.13	5.33	26.4	2.12A	6.71E	48.3A	39.0	20
21	9.80B	12.9	24.6	9.81	12.2	3.79	5.52	20.4	2.39E	8.08E	49.0A	29.7	21
22	8.70B	11.7	19.3	9.28	9.66	5.21	16.8	15.0	2.62E	7.13E	65.7	22.9	22
23	7.80B	11.0	15.3	9.07	20.4	5.63	22.4	11.6	3.37A	6.04E	68.1	18.6	23
24	7.20B	10.9	12.8	9.70	59.9	5.68	22.6	8.99	5.95A	5.66E	53.7	18.7	24
25	6.60B	10.9	11.2	11.7	71.5	5.44	17.7	7.06	9.63A	6.75E	40.5	17.4	25
26	6.30B	13.1	9.53	12.9	55.1	5.33	12.5	5.76	14.1 A	7.30E	32.1	15.0	26
27	5.91	19.7	8.46	12.8	38.9	5.31	9.34	4.84	14.9 A	11.8 A	25.6A	12.9	27
28	6.12	26.2	7.88	11.6	28.1	5.19	9.93	4.13	12.8 A	28.0 A	19.6A	11.2	28
29	6.66		7.28	10.3	20.7	4.84	9.58	3.49	10.3	39.6	15.1	12.0	29
30	6.82B		6.94	11.0	15.7	4.52	8.55	3.17	8.27	40.5	12.7	18.9	30
31	6.90B		11.6		12.5		8.06	2.78		35.3 A		21.6	31
TOTAL	473.11	670.53	410.54	560.16	700.15	199.83	243.59	345.48	115.99	405.51	882.0	1 187.2	TOTAL
MEAN	15.3	23.9	13.2	18.7	22.6	6.66	7.86	11.1	3.87	13.1	29.4	38.3	MEAN
MAX	38.0	65.1	34.9	42.0	71.5	13.2	22.6	28.2	14.9	40.5	68.1	103	MAX
MIN	5.91	6.00	5.97	9.07	8.34	3.73	2.31	2.78	1.13	4.80	11.1	10.1	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.0
MAXIMUM DAILY, 103 ON DEC 5
MINIMUM DAILY, 1.13 ON SEP 9
MAXIMUM INSTANTANEOUS,
113 AT 01:10 AST ON DEC 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 00 54 N
LONG 62 05 45 W
DRAINAGE AREA, 389 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	40 900	JUL	21 000
FEB	57 900	AUG	29 800
MAR	35 500	SEP	10 000
APR	48 400	OCT	35 000
MAY	60 500	NOV	76 200
JUN	17 300	DEC	103 000

TOTAL DISCHARGE, 536 000 dam³

NOVA SCOTIA

LITTLE SACKVILLE RIVER AT MIDDLE SACKVILLE - STATION NO. 01EJ004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.900B	0.090B	0.384	0.727	0.332	0.124	0.110	0.026	0.023	0.075	0.306	0.087	1
2	0.510B	0.130B	0.290	0.563	0.382	0.064	0.072	0.023	0.028	0.107	0.240	3.73	2
3	0.380B	2.00 B	0.230	0.639	1.19	0.052	0.046	0.021	0.015	0.195	0.190	5.96	3
4	0.290B	1.40 B	0.183	0.387	0.977	0.069	0.037	0.019	0.029	0.323	0.142	2.64	4
5	0.235B	1.02 B	0.144	0.279	0.763	0.162	0.410	0.020	0.012	0.179	0.114	1.31	5
6	0.200B	0.780B	0.136	0.826	0.619	0.083	0.515	0.114	0.010	0.113	0.559	3.34	6
7	0.250B	0.620B	0.138	0.608	0.805	0.095	0.152	0.265	0.009	2.62	4.32	1.10	7
8	1.50 B	0.500B	0.122	0.321	0.429	0.095	0.084	0.063	0.007	0.993	1.01	0.603	8
9	0.640B	1.80 B	0.119	0.221	0.240	1.28	0.058	0.064	0.025	0.487	0.646	0.575	9
10	0.740B	1.00 B	0.107	0.256	0.185	1.18	0.043	0.045	0.019	0.332	0.203	1.21	10
11	1.60 B	0.700B	0.114	0.170	0.149	0.358	0.034	0.029	0.010	0.216	0.317	0.758	11
12	2.00 B	5.00 B	0.107	0.134	0.171	0.217	0.030	0.024	0.008	0.156	0.331	0.426	12
13	1.45 B	2.31 B	0.097	0.106	0.595	0.140	0.049	0.112	0.011	0.118	0.191	0.284	13
14	1.07 B	1.42 B	0.355	0.091	0.341	0.094	0.306	0.078	0.007	0.095	0.152	0.208	14
15	0.800B	0.876B	0.667	0.213	0.202	0.070	0.306	0.030	0.023	0.080	0.297	1.66	15
16	0.630B	0.508B	0.429	0.107	0.163	0.396	0.086	0.720	0.087	0.094	0.913	5.90	16
17	0.510B	0.342B	5.26	0.087	1.30	0.576	0.050	0.768	0.166	0.409	3.54	1.67	17
18	0.420B	0.374	1.78	0.168	0.542	0.275	0.064	0.180	0.080	0.168	2.15	0.676	18
19	0.360B	0.394	0.753	0.178	0.296	0.162	0.053	0.077	0.078	0.865	1.61	0.443	19
20	0.310B	0.313	0.437	0.126	0.214	0.106	0.048	0.047	0.071	1.20	0.782	0.285	20
21	0.275B	0.327	0.350	0.199	0.157	1.46	4.61	0.069	0.039	0.448	7.25	0.195B	21
22	0.240B	0.348	0.314	0.139	0.179	0.414	3.78	0.085	0.024	0.298	2.14	0.221B	22
23	0.214B	0.369	0.332	0.104	3.36	0.602	0.842	0.040	2.09	0.226	0.740	0.281	23
24	0.188B	0.313	0.248	0.389	3.52	0.215	0.235	0.024	1.21	0.230	0.397	0.265	24
25	0.167B	0.280	0.186	0.473	1.03	0.137	0.150	0.017	0.858	0.183	0.267	0.214	25
26	0.150B	0.673	0.149	0.217	0.473	0.728	0.082	0.014	0.359	0.420	0.212	0.156B	26
27	0.220B	0.764	0.181	0.164	0.286	0.321	0.283	0.024	0.249	2.26	0.163	0.124B	27
28	0.290B	0.526	0.209	0.133	0.189	0.191	0.487	0.018	0.219	2.57	0.135	0.114B	28
29	0.200B		0.155	0.536	0.134	0.124	0.057	0.011	0.173	1.35	0.120	0.432B	29
30	0.150B		0.150	0.801	0.181	0.087	0.059	0.009	0.104	0.687	0.096	0.731	30
31	0.115B		1.80		0.150		0.052	0.008		0.429		0.311B	31
TOTAL	17.004	25.177	15.926	9.362	19.554	9.877	13.190	3.044	6.043	17.926	29.533	35.909	TOTAL
MEAN	0.549	0.899	0.514	0.312	0.631	0.329	0.425	0.098	0.201	0.578	0.984	1.16	MEAN
MAX	2.00	5.00	5.26	0.826	3.52	1.46	4.61	0.768	2.09	2.62	7.25	5.96	MAX
MIN	0.115	0.090	0.097	0.087	0.134	0.052	0.030	0.008	0.007	0.075	0.096	0.087	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.555
MAXIMUM DAILY, 7.25 ON NOV 21
MINIMUM DAILY, 0.007 ON SEP 8
MAXIMUM INSTANTANEOUS,
22.0 AT 17:43 AST ON JUL 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 45 49 N
LONG 63 41 20 W
DRAINAGE AREA, 13.1 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 470	JUL	1 140
FEB	2 180	AUG	263
MAR	1 380	SEP	522
APR	809	OCT	1 550
MAY	1 690	NOV	2 550
JUN	853	DEC	3 100

TOTAL DISCHARGE, 17 500 dam³

MCASKILL BROOK NEAR BIRCH GROVE - STATION NO. 01FJ002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.00 B	0.187B	0.740B	1.85	0.576	0.308	0.106	0.107	0.042	0.589	0.671	0.508	1
2	1.43 B	0.177B	0.515B	1.19	0.955	0.261	0.077	0.077	0.038	0.403	0.526	0.425	2
3	1.08 B	0.168B	0.420B	2.05	0.964	0.210	0.063	0.058	0.036	0.527	0.452	1.38	3
4	0.860B	0.322B	0.342B	1.13	2.25	0.174	0.049	0.045	0.034	0.618	0.380	4.09	4
5	0.720B	0.790B	0.325B	0.821	1.97	0.156	0.043	0.040	0.032	0.506	0.339	5.56	5
6	0.600B	0.560B	0.461	0.649	1.03	0.137	0.171	0.039	0.033	0.442	0.306	4.96	6
7	0.550B	0.350B	0.549	0.510	0.669	0.129	0.224	0.090	0.035	0.410	0.551	4.60	7
8	0.530B	0.304B	0.469	0.418	0.492	0.130	0.149	0.123	0.035	1.35	0.799	2.37	8
9	1.44 B	0.500B	0.429	0.376	0.400	0.115	0.150	0.099	0.032	1.18	0.624	1.40	9
10	1.05 B	1.28 B	0.395	0.326	0.309	0.374	0.112	0.079	0.046	1.20	0.490	1.01	10
11	1.80 B	1.13 B	0.338	0.282	0.256	0.386	0.088	0.065	0.044	0.912	0.403	0.851	11
12	2.80 B	0.950B	0.294	0.252	0.220	0.296	0.069	0.054	0.035	0.639	0.404	0.723	12
13	1.60 B	2.15 B	0.267	0.223	0.196	0.246	0.058	0.052	0.033	0.467	0.360	0.627	13
14	0.950B	1.28 B	0.252	0.206	0.188	0.207	0.258	0.052	0.033	0.366	0.337	0.550	14
15	0.660B	0.760B	0.516	0.240	0.172	0.174	0.614	0.041	0.030	0.301	0.340	0.500	15
16	0.480B	0.540B	0.472	0.237	0.146	0.143	0.437	0.036	0.033	0.335	0.316	1.76	16
17	0.400B	0.460B	0.947	0.203	0.239	0.139	0.303	4.87	0.144	4.66	0.433	1.80	17
18	0.350B	0.400B	2.28	0.236	0.440	0.144	0.211	5.90	0.146	2.97	0.724	1.18	18
19	0.310B	0.350B	0.900B	0.551	0.348	0.121	0.152	2.28	0.115	1.64	1.15	0.839A	19
20	0.276B	0.315B	0.600B	0.839	0.268	0.099	0.119	1.06	0.262	1.25	1.14	0.720B	20
21	0.253B	0.284B	0.480B	0.686	0.218	0.151	0.107	0.556	0.187	0.876	2.87	0.570B	21
22	0.238B	0.269B	0.390B	0.599	0.191	0.317	0.284	0.341	0.135	0.685	4.51	0.450B	22
23	0.224B	0.256B	0.350B	0.710	3.32	0.269	0.251	0.246	0.191	0.568	2.29	0.360B	23
24	0.209B	0.246B	0.320B	0.886	15.3	0.238	0.184	0.189	0.638	0.535	1.35	0.320B	24
25	0.198B	0.238B	0.295B	0.895	7.12	0.163	0.134	0.148	1.11	0.549	0.894	0.290B	25
26	0.188B	0.231B	0.275B	0.853	2.88	0.156	0.101	0.124	0.765	0.481	1.12	0.265B	26
27	0.182B	0.530B	0.262B	0.666	1.30	0.212	0.079	0.103	0.492	1.02	1.70	0.250B	27
28	0.284B	1.15 B	0.250B	0.519	0.685	0.162	0.184	0.086	0.364	1.63	1.22	0.240B	28
29	0.244B		0.242B	0.423	0.464	0.125	0.149	0.071	1.05	2.20	0.941	0.230B	29
30	0.217B		0.235B	0.504	0.364	0.120	0.123	0.059	0.929	1.43	0.663	0.220B	30
31	0.200B		1.39		0.298		0.144	0.050		0.943		0.215B	31
TOTAL	22.323	16.177	16.000	19.330	44.228	5.862	5.193	17.140	7.099	31.682	28.303	39.263	TOTAL
MEAN	0.720	0.578	0.516	0.644	1.43	0.195	0.168	0.553	0.237	1.02	0.943	1.27	MEAN
MAX	2.80	2.15	2.28	2.05	15.3	0.386	0.614	5.90	1.11	4.66	4.51	5.56	MAX
MIN	0.182	0.168	0.235	0.203	0.196	0.099	0.043	0.036	0.030	0.301	0.306	0.215	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.692
MAXIMUM DAILY, 15.3 ON MAY 24
MINIMUM DAILY, 0.030 ON SEP 15
MAXIMUM INSTANTANEOUS,
21.4 AT 05:05 AST ON MAY 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 06 59 N
LONG 60 00 26 W
DRAINAGE AREA, 19.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 930	JUL	449
FEB	1 400	AUG	1 480
MAR	1 380	SEP	613
APR	1 670	OCT	2 740
MAY	3 820	NOV	2 450
JUN	506	DEC	3 390

TOTAL DISCHARGE, 21 800 dam³

MEDWAY RIVER AT CHARLESTON - STATION NO. 01EE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	40.5B	26.5B	92.3	72.2	36.0	37.8	22.0	21.9	9.26	12.8	61.6	86.6	1
2	39.0B	25.9B	89.2	73.7	35.4	35.3	21.9	20.6	8.82	12.1	62.8	81.8	2
3	37.5B	39.9	85.6	81.3	35.2	32.8	21.6	19.2	8.39	13.5	63.4	103	3
4	36.0B	45.0	82.2	85.5	36.8	31.4	21.0	18.0	8.04	14.0	60.8	116	4
5	34.5B	46.6	77.6	89.0	39.7	33.8	20.0	17.3	7.60	13.6	58.0	116	5
6	33.2B	49.0	72.7	93.2	39.9	34.7	21.4	19.2	7.30	13.4	55.8	122	6
7	32.4B	49.6	69.1	96.6	41.0	38.9	22.4	33.7	7.03	15.5	76.8	134	7
8	31.2B	53.6	65.6	96.4	40.6	44.3	22.4	35.3	6.83	20.8	81.2	139	8
9	29.9B	73.2	61.1	94.9	38.2	42.4	21.8	31.5	6.61	21.7	76.2	139	9
10	54.9	76.9	58.0	93.9	36.0	57.6	21.7	28.4	6.10	22.1	71.7	136	10
11	57.4	76.9	54.7	91.0	34.6	58.0	21.2	25.7	5.78	22.6	68.1	131	11
12	57.1	106	51.4	87.0	33.3	52.2	20.2	23.8	5.45	22.9	65.1	123	12
13	56.4	139	48.1	80.9	34.1	48.1	19.0	23.4	5.12	22.4	61.0	114	13
14	54.2	140	46.2	74.8	35.4	44.2	19.1	24.5	4.83	21.8	58.0	105	14
15	54.5B	137	49.2	70.7	34.0	41.3	18.8	23.3	4.60	21.2	55.2	99.9	15
16	51.0B	134	47.3	65.7	32.3	38.9	17.7	21.9	4.88	20.7	56.7	126	16
17	49.0B	131	60.3	59.1	34.7	36.8	16.7	21.1	5.30	21.1	71.3	144	17
18	45.5B	126	80.8	55.1	35.3	34.9	15.6	21.1	6.15	20.4	86.0	133	18
19	42.5B	121	79.0	52.8	33.8	32.3	14.5	21.4	5.85	21.2	92.4	129	19
20	41.0B	115	76.5	48.5	32.8	30.3	13.6	20.5	5.61	31.0	91.1	125	20
21	38.5B	108	76.0	47.8	31.8	30.7	13.6	19.1	5.35	32.2	125	119	21
22	36.8B	102	74.6	46.5	31.3	32.1	18.4	17.9	5.18	31.5	158	111	22
23	35.2B	97.8	71.8	43.4	36.6	31.1	20.4	16.9	6.70	30.8	158	106	23
24	33.9B	93.4	68.9	41.6	44.2	30.1	20.8	15.8	11.4	31.1	156	104	24
25	32.6B	88.8	64.7	42.7	45.5	28.2	20.4	14.8	20.2	33.0	148	98.6	25
26	31.4B	89.2	61.0	40.5	44.5	27.0	19.7	13.7	19.4	33.7	140	90.5	26
27	30.2B	95.3	57.9	38.3	43.3	26.6	20.0	12.7	17.1	38.2	128	84.2	27
28	29.5B	95.7	58.4	35.4	41.3	25.4	22.6	12.0	15.4	45.2	116	79.7	28
29	28.6B		56.5	34.5	39.2	24.0	22.9	11.3	14.4	54.0	105	76.0	29
30	27.8B		55.0	36.7	38.1	22.9	23.4	10.5	13.7	57.5	96.1	77.6	30
31	27.1B		63.6		38.6		23.0	9.85		59.5		73.2	31
TOTAL	1 229.3	2 482.3	2 055.3	1 969.7	1 153.5	1 084.1	617.8	626.35	258.38	831.5	2 703.3	3 423.1	TOTAL
MEAN	39.7	88.7	66.3	65.7	37.2	36.1	19.9	20.2	8.61	26.8	90.1	110	MEAN
MAX	57.4	140	92.3	96.6	45.5	58.0	23.4	35.3	20.2	59.5	158	144	MAX
MIN	27.1	25.9	46.2	34.5	31.3	22.9	13.6	9.85	4.60	12.1	55.2	73.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 50.5
MAXIMUM DAILY, 158 ON NOV 22
MINIMUM DAILY, 4.60 ON SEP 15
MAXIMUM INSTANTANEOUS,
159 AT 01:22 AST ON NOV 23

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 10 24 N
LONG 64 39 36 W
DRAINAGE AREA, 1 390 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	106 000	JUL	53 400
FEB	214 000	AUG	54 100
MAR	178 000	SEP	22 300
APR	170 000	OCT	71 800
MAY	99 700	NOV	234 000
JUN	93 700	DEC	296 000

TOTAL DISCHARGE, 1 590 000 dam³

MEDWAY RIVER AT HARMONY MILLS - STATION NO. 01EE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.77	6.70	21.6	25.4	10.0	9.87	5.43	2.53	1.34	1.27	22.4	15.9	1
2	7.72	6.70	21.5	35.2	10.0	9.78	5.34	2.45	1.32	1.33	21.5	16.1	2
3	7.70	7.89	20.7	38.5	9.73	7.93	5.28	2.35	1.29	1.53	19.8	20.3	3
4	7.74	10.8	18.1	37.9	9.77	6.57	5.03	2.32	1.27	1.67	17.8	28.0	4
5	7.67	14.1	15.9	36.8	9.74	5.80	5.15	2.24	1.25	1.75	16.3	33.8	5
6	7.66	15.2	15.9	36.8	9.55	6.81	5.97	2.34	1.23	1.79	15.6	37.2	6
7	7.88	15.4	15.7	38.0	9.63	6.87	5.84	2.51	1.18	2.11	16.0	40.9	7
8	12.7	15.9	15.5	38.6	9.58	6.89	5.61	2.50	1.17	9.74	16.3	39.6	8
9	15.5	17.6	15.2	36.6	9.31	6.93	5.48	2.53	1.16	14.4	16.9	31.3	9
10	15.6	19.3	14.0	33.6	9.25	7.89	5.26	2.54	1.12	14.4	16.9	28.9	10
11	16.5	23.5	12.9	29.5	9.21	7.87	5.04	2.44	1.13	12.2	16.6	28.1	11
12	17.0	32.6	11.0	26.8	8.64	7.50	4.82	2.46	1.12	7.69	16.3	25.8	12
13	17.2	39.3	10.4	24.0	7.96	7.35	4.67	2.56	1.07	6.58	15.8	23.5	13
14	17.4	42.6	14.4	19.6	7.01	7.18	4.62	2.50	1.07	5.81	15.5	19.3	14
15	16.5	43.1	14.5	17.5	6.90	6.92	4.59	2.38	1.07	5.73	15.1	17.3	15
16	15.8	40.7	14.2	17.0	6.88	6.81	2.92	2.32	1.07	5.73	14.8	21.2	16
17	15.2	36.7	15.1	16.4	7.36	6.73	1.67	6.11	1.12	5.63	15.1	27.4	17
18	14.7	32.9	15.6	15.9	7.58	6.30	1.73	8.72	1.03	5.49	16.9	34.8	18
19	13.5	23.3	15.8	15.2	10.0	6.08	1.69	4.65	1.01	5.84	17.9	35.7	19
20	12.5	19.3	16.0	14.8	11.5	6.00	1.69	1.83	0.983	5.50	19.7	32.6	20
21	10.4	21.7	15.9	14.8	11.3	6.11	2.03	1.83	0.956	6.54	34.1	28.9	21
22	8.89	22.6	15.9	14.3	10.5	6.31	2.91	1.80	0.929	7.24	43.3	25.5	22
23	8.96	22.5	10.8	11.3	10.1	5.16	3.10	1.72	0.958	7.75	44.3	23.5	23
24	8.96	22.2	6.40	9.91	13.4	5.96	3.01	1.66	1.01	8.07	40.9	21.0	24
25	8.85	21.7	10.8	9.95	14.5	5.85	2.92	1.65	1.13	9.29	35.8	17.6	25
26	8.75	21.2	11.9	9.88	11.9	5.81	2.75	1.61	1.13	14.1	31.4	17.3	26
27	7.98	21.1	12.2	9.89	10.6	5.74	2.62	1.54	1.13	15.5	26.8	16.7	27
28	7.46	21.6	12.5	9.69	10.4	5.66	2.57	1.50	1.14	16.2	23.7	16.3	28
29	7.26		12.5	9.67	10.3	5.54	2.67	1.46	1.21	17.1	21.2	16.1	29
30	6.55		15.0	9.91	10.2	5.46	2.66	1.41	1.22	19.2	17.9	15.8	30
31	6.79		20.1		10.1		2.60	1.38		22.0		14.8	31
TOTAL	345.09	638.19	458.00	663.40	302.90	201.68	117.67	77.84	33.816	260.18	662.6	771.2	TOTAL
MEAN	11.1	22.8	14.8	22.1	9.77	6.72	3.80	2.51	1.13	8.39	22.1	24.9	MEAN
MAX	17.4	43.1	21.6	38.6	14.5	9.87	5.97	8.72	1.34	22.0	44.3	40.9	MAX
MIN	6.55	6.70	6.40	9.67	6.88	5.16	1.67	1.38	0.929	1.27	14.8	14.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.4
MAXIMUM DAILY, 44.3 ON NOV 23
MINIMUM DAILY, 0.929 ON SEP 22
MAXIMUM INSTANTANEOUS,
46.3 AT 18:50 AST ON DEC 7

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 24 48 N
LONG 65 03 18 W
DRAINAGE AREA, 342 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	29 800	JUL	10 200
FEB	55 100	AUG	6 730
MAR	39 600	SEP	2 920
APR	57 300	OCT	22 500
MAY	26 200	NOV	57 200
JUN	17 400	DEC	66 600

TOTAL DISCHARGE, 392 000 dam³

MERSEY RIVER BELOW GEORGE LAKE - STATION NO. 01ED005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.3	16.8E	48.7	38.2	23.9	14.2	10.9	7.72	5.69	4.61	29.9	45.2	1
2	20.6	16.1E	48.5	45.6	23.7	13.5	10.3	7.46	5.38	5.00	31.2	42.6	2
3	21.0	17.6E	47.6	52.0	23.3	13.0	10.0	7.06	5.10	5.53	31.9	45.6	3
4	20.8	19.8E	46.5	56.0	22.7	12.6	9.59	6.80	4.62	6.01	31.4	49.8	4
5	20.7	22.5E	44.6	59.0	22.5	12.6	9.43	6.54	4.57	6.49	30.0	53.6	5
6	20.4	23.9E	42.8	62.4	22.1	12.3	9.93	6.71	4.37	6.74	29.2	57.5	6
7	20.3	25.2E	40.4	65.5	22.5	12.5	10.1	7.93	4.17	7.63	30.5	61.0	7
8	22.2	26.3E	38.0	66.8	21.6	12.2	10.1	9.23	3.89	8.62	30.9	62.8	8
9	23.7	27.4E	36.0	67.3	20.7	12.0	9.78	10.6	3.56	9.64	30.8	63.2	9
10	25.7	29.4E	34.2	68.0	20.0	13.7	9.58	11.7	3.54	10.2	30.5	63.2	10
11	28.2	31.3A	32.1	65.6	19.1	13.2	9.47	12.1	3.46	10.3	29.7	61.9	11
12	29.4	36.9	30.5	63.7	18.4	13.3	8.75	12.4	3.36	10.5	29.1	59.4	12
13	30.8	44.2	28.5	60.1	18.1	13.2	8.26	12.9	3.22	10.6	28.0	56.3	13
14	31.1	52.3	27.1	55.4	17.8	12.9	8.03	13.6	3.21	10.7	27.0	53.0	14
15	31.1	59.4	27.0	53.9	17.0	12.7	7.61	13.5	3.05	10.8	26.2	50.5	15
16	31.1	63.7	25.1	50.4	16.5	12.4	7.14	13.1	2.97	10.9	26.1	51.8	16
17	30.6	65.8	26.0	46.3	16.7	12.1	6.55	13.0	3.33	11.0	27.6	55.7	17
18	30.2	66.4	28.6	44.0	16.7	11.5	6.31	13.0	3.29	10.7	30.6	58.1	18
19	29.4A	65.7	31.0	41.9	16.0	10.7	6.09	12.5	3.15	10.9	34.1	60.4	19
20	27.5E	63.5	32.5	38.6	15.6	10.2	5.88	11.9	3.02	12.2	36.0	61.0	20
21	25.7E	61.4	34.1	37.2	14.9	10.8	6.16	11.3	2.93	12.7	42.1	60.2	21
22	24.0E	59.3	34.6	35.2	14.3	11.0	7.67	10.6	2.83	13.1	49.4	57.9	22
23	22.6E	57.1	34.1	32.1	14.6	11.7	8.29	9.89	2.72	13.4	54.7	56.3	23
24	21.3E	55.4	33.8	30.5	15.8	12.0	8.56	9.36	2.95	14.5	58.2	54.5	24
25	20.1E	52.4	33.4	29.2	15.4	11.7	8.43	8.86	3.36	15.6	60.4	52.2	25
26	19.1E	51.5	32.2	27.7	15.3	12.0	8.22	8.45	3.50	16.7	60.9	49.4	26
27	18.4E	50.8	31.3	26.4	15.5	12.2	8.04	7.87	3.58	18.8	58.0	46.2	27
28	17.7E	49.9	31.0	25.4	15.7	12.1	8.15	7.35	3.53	21.8	55.1	44.1	28
29	17.0E		30.3	23.8	14.8	11.8	7.83	6.80	3.92	24.4	52.5	41.7	29
30	17.3E		29.5	23.7	14.6	11.1	7.90	6.31	4.27	26.6	49.1	40.3	30
31	17.8E		32.1		14.6		7.91	5.94		28.3		36.3	31
TOTAL	736.1	1 212.0	1 072.1	1 391.9	560.4	367.2	260.96	302.48	110.54	384.97	1 141.1	1 651.7	TOTAL
MEAN	23.7	43.3	34.6	46.4	18.1	12.2	8.42	9.76	3.68	12.4	38.0	53.3	MEAN
MAX	31.1	66.4	48.7	68.0	23.9	14.2	10.9	13.6	5.69	28.3	60.9	63.2	MAX
MIN	17.0	16.1	25.1	23.7	14.3	10.2	5.88	5.94	2.72	4.61	26.1	36.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 25.2
MAXIMUM DAILY, 68.0 ON APR 10
MINIMUM DAILY, 2.72 ON SEP 23
MAXIMUM INSTANTANEOUS,
69.8 AT 12:25 AST ON APR 9

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 20 00 N
LONG 65 12 16 W
DRAINAGE AREA, 723 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	63 600	JUL	22 500
FEB	105 000	AUG	26 100
MAR	92 600	SEP	9 550
APR	120 000	OCT	33 300
MAY	48 400	NOV	98 600
JUN	31 700	DEC	143 000

TOTAL DISCHARGE, 794 000 dam³

MERSEY RIVER BELOW MILL FALLS - STATION NO. 01ED007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.95B	5.00B	18.1	17.9 E	7.92	4.20	3.06	1.67	1.48	6.69	17.5 A	13.6	1
2	7.68B	5.70B	17.7	21.0 E	7.58	4.01	3.05	1.60	1.36	6.63	15.8 E	13.2	2
3	7.52B	6.20B	17.1	23.9 E	7.34	3.84	2.93	1.49	1.30	6.85	14.0 E	21.6	3
4	7.38B	7.05B	16.2	27.0 E	7.53	3.67	2.73	1.37	1.27	6.75	12.3 E	25.4	4
5	7.20B	7.75B	15.2	31.0 E	7.61	3.84	2.80	1.34	1.21	6.36	10.8 E	28.4	5
6	6.90B	8.20B	14.0	34.9 E	7.40	3.72	3.55	1.58	1.14	6.02A	9.60E	33.5	6
7	6.80B	8.80B	12.7	39.0 E	7.62	3.72	3.39	2.05	1.02	5.65E	10.2 E	34.4	7
8	9.00B	9.40B	11.7	43.5 E	7.73	3.59	3.07	2.14	1.00	5.40E	10.3 E	33.0	8
9	10.1 B	10.5 B	10.5 A	44.0 A	7.20	3.43	2.85	2.18	0.980	5.10E	10.2 E	29.6	9
10	12.1 B	11.6 B	10.0 E	39.4 A	6.44	4.47	2.58	2.23	1.08	4.85E	10.2 E	27.0	10
11	13.8 B	18.0 B	9.55E	33.9	5.87	4.28	2.46	2.21	0.995	4.65E	9.80E	24.2	11
12	14.9 B	26.3	9.20E	28.7	5.35	3.86	2.19	2.29	0.930	4.48E	9.40E	21.4	12
13	14.3 B	34.3	8.85E	24.7	5.64	3.38	2.07	2.68	0.920	4.40E	9.19A	18.8	13
14	13.3 B	38.4	8.80E	21.5	6.18	3.30	1.99	2.88	0.820	4.30E	8.59	16.5	14
15	11.9 B	41.8	8.75E	19.7	5.56	3.14	1.98	2.87	0.762	4.25E	8.09	15.1A	15
16	11.0 B	40.7	8.55E	17.8	5.20	3.11	1.86	2.84	0.940	4.10E	8.91	22.5E	16
17	10.2 B	37.2	9.70E	15.3	5.61	3.02	1.83	2.99	1.07	4.05E	10.8	20.8E	17
18	9.40B	32.8	11.0 E	13.6	5.58	2.96	1.65	3.10	0.991	4.00E	13.7	29.9E	18
19	8.60B	28.6	12.4 E	12.7	5.14	2.77	1.48	3.06	0.910	3.95E	15.0	31.5E	19
20	8.00B	25.2	12.7 E	11.8	4.77	2.64	1.32	2.96	0.815	5.00E	15.4	28.7E	20
21	7.40B	23.0	13.2 E	11.1	4.48	3.09	1.83	2.83	0.725	6.63A	24.0	26.3E	21
22	7.00B	21.5	13.4 E	10.3	4.08	3.29	3.06	2.64	0.675	6.14	30.3	24.2E	22
23	6.80B	20.4	13.1 E	9.58	4.25	3.98	2.83	2.52	0.800	5.94	31.9	22.0E	23
24	6.50B	19.6	12.8 E	8.65	4.94	3.94	2.28	2.38	1.04	6.88	33.1	20.0E	24
25	6.10B	19.0	12.6 E	8.22	5.21	3.53	2.09	2.25	1.28	8.18	31.0	17.8E	25
26	5.90B	18.3	12.2 E	7.77	4.80	3.46	1.82	2.12	1.50	8.49	27.1	15.6E	26
27	5.65B	18.6	12.0 E	7.14	4.59	3.50	1.67	2.07	1.58	9.97	23.5	15.3E	27
28	5.45B	18.8	11.8 E	6.72	4.40	3.33	1.59	1.91	2.45	12.4	20.0	14.6E	28
29	5.20B		11.5 E	6.58	4.32	3.08	1.64	1.78	4.40	14.6	17.5	13.7E	29
30	5.10B		11.2 E	7.53	4.22	2.98	1.84	1.70	6.03	15.3	15.4	12.9E	30
31	5.05B		14.9 E		4.20		1.74	1.63		16.7		12.3E	31
TOTAL	264.18	562.70	381.40	604.89	178.76	105.13	71.23	69.36	41.473	214.71	483.58	689.8	TOTAL
MEAN	8.52	20.1	12.3	20.2	5.77	3.50	2.30	2.24	1.38	6.93	16.1	22.3	MEAN
MAX	14.9	41.8	18.1	44.0	7.92	4.47	3.55	3.10	6.03	16.7	33.1	34.4	MAX
MIN	5.05	5.00	8.55	6.58	4.08	2.64	1.32	1.34	0.675	3.95	8.09	12.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.0
MAXIMUM DAILY, 44.0A ON APR 9
MINIMUM DAILY, 0.675 ON SEP 22
MAXIMUM INSTANTANEOUS,
44.5 ON APR 8

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 26 14 N
LONG 65 13 24 W
DRAINAGE AREA, 295 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	22 800	JUL	6 150
FEB	48 600	AUG	5 990
MAR	33 000	SEP	3 580
APR	52 300	OCT	18 600
MAY	15 400	NOV	41 800
JUN	9 080	DEC	59 600

TOTAL DISCHARGE, 317 000 dam³

METEGHAN RIVER NEAR METEGHAN RIVER - STATION NO. 01DA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.85	3.20B	7.72	17.2	6.45	1.69	3.10	2.90	0.847	3.38	12.3	6.65	1
2	6.25B	3.10B	6.95	23.8	6.42	1.63	2.91	2.65	0.810	3.76	11.6	7.89	2
3	5.90B	5.98	6.83	22.1	6.38	1.53	2.55	2.30	0.736	4.37	10.4	12.8	3
4	5.60B	7.71	6.32	19.9	5.98	1.54	2.50	2.07	0.761	4.26	9.45	14.7	4
5	5.35B	7.40B	5.87	18.4	5.91	1.56	2.63	1.87	0.752	4.21	8.42	15.0	5
6	5.05B	7.20B	5.53	19.2	4.26	1.51	3.24	1.79	0.782	4.12	7.94	15.0	6
7	6.18	6.80B	5.19	20.0	0.669	1.66	3.22	2.00	0.783	4.19	7.97	14.4	7
8	8.73	6.60B	4.90	19.2	0.621	1.63	3.13	1.89	0.803	4.28	7.90	13.7	8
9	9.83	9.19	4.06	17.5	0.673	1.94	3.05	1.73	0.801	4.28	7.58	13.2	9
10	9.88	9.47	4.04	16.3	0.642	2.44	3.23	1.72	0.764	4.10	6.99	12.7	10
11	9.92	9.94	3.84	14.7	0.585	2.48	2.95	1.67	0.749	3.81	6.50	12.2	11
12	9.70	17.2	3.64	13.3	0.608	2.30	2.74	2.01	0.750	3.56	5.94	11.4	12
13	9.34	20.8	3.44	11.9	0.653	2.23	2.62	2.47	0.736	3.16	5.45	10.6	13
14	9.01	21.3	3.37	11.0	0.618	2.06	2.56	2.30	0.744	3.12	4.99	9.51	14
15	8.44	20.7	3.42	10.7	0.672	1.87	2.40	2.17	0.738	2.85	4.70	9.67	15
16	8.05	18.8	3.65	10.0	0.664	1.77	2.29	2.12	0.707	2.68	4.52	13.3	16
17	7.64	17.5	4.26	9.27	0.680	1.53	2.14	2.06	0.674	2.51	4.57	15.4	17
18	7.20B	16.6	4.12B	8.91	0.691	1.47	1.91	1.90	0.738	2.41	5.25	15.3	18
19	6.60B	15.3	4.09B	8.69	0.689	1.40	1.78	1.84	0.757	2.79	5.33	14.4	19
20	6.15B	14.2	4.07B	8.23	0.701	1.31	1.72	1.68	0.712	3.31	5.45	13.2	20
21	5.80B	13.1	4.05	8.11	0.693	1.62	3.21	1.50	0.728	3.41	8.78	12.3	21
22	5.20B	12.3	3.95	7.83	0.684	1.81	4.83	1.42	0.721	3.55	10.8	11.3	22
23	4.80B	11.4	3.55	7.32	0.858	2.10	4.72	1.31	1.65	3.23	11.1	11.1	23
24	4.60B	10.6	3.73	7.62	0.989	2.08	4.19	1.19	1.59	4.66	10.9	11.1	24
25	4.30B	9.56	3.81	7.59	1.08	2.07	3.81	1.12	2.68	6.14	10.7	10.7	25
26	4.05B	9.05	3.81	7.42	1.34	3.79	3.28	1.05	3.22	7.15	9.95	10.1	26
27	3.85B	8.62	3.92	6.92	1.37	3.88	3.11	0.990	3.54	8.08	9.23	9.37	27
28	3.75B	8.16	4.48	6.40	1.40	3.90	3.08	0.936	3.59	11.1	8.78	8.92	28
29	3.55B		4.66	6.31	1.45	3.63	3.35	0.822	3.56	12.8	8.15	8.00B	29
30	3.40B		5.37	6.44	1.55	3.19	3.07	0.847	3.46	13.1	7.43	7.40B	30
31	3.30B		13.1		1.57		2.96	0.846		12.9		7.00B	31
TOTAL	198.27	321.78	149.94	372.26	57.550	63.62	92.28	53.171	39.883	157.27	239.07	358.31	TOTAL
MEAN	6.40	11.5	4.84	12.4	1.86	2.12	2.98	1.72	1.33	5.07	7.97	11.6	MEAN
MAX	9.92	21.3	13.3	23.8	6.45	3.90	4.83	2.90	3.59	13.1	12.3	15.4	MAX
MIN	3.30	3.10	3.37	6.31	0.585	1.31	1.72	0.822	0.674	2.41	4.52	6.65	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.76
MAXIMUM DAILY, 23.8 ON APR 2
MINIMUM DAILY, 0.585 ON MAY 11
MAXIMUM INSTANTANEOUS,
25.9 AT 11:47 AST ON APR 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 12 58 N
LONG 66 07 02 W
DRAINAGE AREA, 167 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	17 100	JUL	7 970
FEB	27 800	AUG	4 590
MAR	13 000	SEP	3 450
APR	32 200	OCT	13 600
MAY	4 970	NOV	20 700
JUN	5 500	DEC	31 000

TOTAL DISCHARGE, 182 000 dam³

MIDDLE RIVER AT ROCKLIN - STATION NO. 01DP004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.60 B	0.520B	8.42	6.60E	2.98	1.98	0.668	0.459	0.251	0.581	3.85	2.04	1
2	5.20 B	1.50 B	3.73	6.30E	3.31	1.45	0.614	0.348	0.241	0.483	3.47	2.09	2
3	4.30 B	3.50 B	3.26	11.0 E	6.45	1.22	0.544	0.293	0.247	0.546	2.81	11.1	3
4	3.60 B	11.0 B	2.88	10.2 E	8.54	1.14	0.602	0.247	0.249	0.595	2.26	17.1	4
5	3.15 B	9.10 B	2.65	16.0 E	6.04	1.05	0.639	0.243	0.250	0.473	2.00	7.67	5
6	2.75 B	7.80 B	2.42	18.0 A	4.74	0.868	1.97	0.251	0.252	0.428	1.95	13.8	6
7	2.50 B	6.60 B	2.30	8.89	4.37	0.840	1.91	1.37	0.247	1.53	10.3	11.1	7
8	3.50 B	5.80 B	2.16	5.95	3.71	0.934	2.62	0.836	0.260	2.78	6.63	8.77	8
9	4.60 B	7.80 B	2.00	4.59	2.89	1.99	1.82	0.594	0.280	2.75	4.21	6.76	9
10	6.00 B	6.90 B	1.79	4.47	2.48	5.38	1.13	0.492	0.266	4.15	3.29	10.4	10
11	8.00 B	6.00 B	1.77	3.70	2.19	3.59	0.861	0.403	0.263	2.54	2.81	7.70	11
12	10.2 B	20.0 B	1.71	3.19	2.02	2.16	0.723	0.332	0.264	1.89	3.08	6.19	12
13	4.00 B	13.0 B	1.62	2.70	2.10	1.69	0.608	0.332	0.261	1.47	2.43	4.69	13
14	2.00 B	9.00 B	1.60	2.37	2.10	1.41	1.48	0.405	0.256	1.13	2.16	3.79	14
15	1.00 B	7.30 B	1.85	3.03	1.71	1.20	2.12	0.282	0.250	0.964	2.08	4.15	15
16	0.820B	6.00 B	1.80	2.37	1.49	1.06	1.30	0.283	0.262	0.875	2.44	24.5	16
17	0.760B	5.00 B	5.80A	2.17	2.21	1.15	0.906	2.29	0.402	2.27	3.34	13.0	17
18	0.740B	4.20 B	8.60E	2.20	2.15	1.01	0.679	1.41	0.325	1.94	5.05	7.31	18
19	0.680B	4.00 B	4.80A	3.50	1.50	0.762	0.543	1.03	0.292	1.78	6.30	5.66	19
20	0.640B	3.70 B	3.93	2.54	1.23	0.700	0.540	0.664	0.381	5.63	4.80	4.44	20
21	0.600B	3.50 B	3.28	2.29	1.14	2.48	0.543	0.510	0.302	2.76	21.2	3.41B	21
22	0.560B	3.40 B	3.01	2.24	1.13	2.02	0.934	0.395	0.256	2.08	13.8	3.26B	22
23	0.530B	3.30 B	2.72	3.38	9.06	2.07	0.638	0.334	3.22	1.71	7.79	4.16	23
24	0.520B	3.25 B	2.58	3.76	16.0	1.30	0.465	0.310	3.28	1.75	5.66	3.20	24
25	0.580B	3.20 B	2.31	3.97	9.14	0.984	0.386	0.293	3.78	1.80	4.39	2.68	25
26	0.640B	5.25	2.15	3.48	5.63	2.02	0.329	0.272	1.91	2.04	3.79	2.27	26
27	0.730B	7.30	2.18	3.05	3.92	1.86	0.336	0.266	1.10	13.2	3.22	2.08B	27
28	0.620B	5.93	2.18	2.57	3.11	1.13	0.740	0.257	0.793	18.2	2.92	1.94B	28
29	0.600B		1.98	2.43	2.46	0.892	0.465	0.259	0.721	13.7	2.68	1.78B	29
30	0.560B		2.14	4.18	2.12	0.752	0.616	0.255	0.596	7.23	2.32	1.67B	30
31	0.530B		6.40A		2.10		0.712	0.251		4.79		1.57B	31
TOTAL	77.510	173.850	92.02	151.12	120.02	47.092	28.441	15.966	21.457	104.025	143.03	200.28	TOTAL
MEAN	2.50	6.21	2.97	5.04	3.87	1.57	0.917	0.515	0.715	3.36	4.77	6.46	MEAN
MAX	10.2	20.0	8.60	18.0	16.0	5.38	2.62	2.29	3.78	18.2	21.2	24.5	MAX
MIN	0.520	0.520	1.60	2.17	1.13	0.700	0.329	0.243	0.241	0.428	1.95	1.57	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.22
MAXIMUM DAILY, 24.5 ON DEC 16
MINIMUM DAILY, 0.241 ON SEP 2
MAXIMUM INSTANTANEOUS,
38.8 AT 12:10 AST ON DEC 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 29 50 N
LONG 62 46 51 W
DRAINAGE AREA, 92.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 700	JUL	2 460
FEB	15 000	AUG	1 380
MAR	7 950	SEP	1 850
APR	13 100	OCT	8 990
MAY	10 400	NOV	12 400
JUN	4 070	DEC	17 300

TOTAL DISCHARGE, 102 000 dam³

NOVA SCOTIA

MOOSE PIT BROOK AT TUPPER LAKE - STATION NO. 01EE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	0.922	0.498	1
2	---	---	---	---	---	---	---	---	---	---	0.763	0.602	2
3	---	---	---	---	---	---	---	---	---	---	0.634	1.63	3
4	---	---	---	---	---	---	---	---	---	---	0.537	2.32	4
5	---	---	---	---	---	---	---	---	---	---	0.439	2.04	5
6	---	---	---	---	---	---	---	---	---	---	0.442	1.81	6
7	---	---	---	---	---	---	---	---	---	---	0.821	1.79	7
8	---	---	---	---	---	---	---	---	---	---	0.934	1.64	8
9	---	---	---	---	---	---	---	---	---	---	0.854	1.43	9
10	---	---	---	---	---	---	---	---	---	---	0.721	1.24	10
11	---	---	---	---	---	---	---	---	---	---	0.622	1.16	11
12	---	---	---	---	---	---	---	---	---	---	0.516	1.04	12
13	---	---	---	---	---	---	---	---	---	---	0.437	0.885	13
14	---	---	---	---	---	---	---	---	---	---	0.388	0.752	14
15	---	---	---	---	---	---	---	---	---	---	0.366	0.727	15
16	---	---	---	---	---	---	---	---	---	---	0.619	1.50	16
17	---	---	---	---	---	---	---	---	---	---	1.11	2.23	17
18	---	---	---	---	---	---	---	---	---	---	1.65	1.92	18
19	---	---	---	---	---	---	---	---	---	---	1.85	1.48	19
20	---	---	---	---	---	---	---	---	---	---	1.71	1.21	20
21	---	---	---	---	---	---	---	---	---	---	2.61	0.990	21
22	---	---	---	---	---	---	---	---	---	---	3.01	0.852	22
23	---	---	---	---	---	---	---	---	---	---	2.23	0.785	23
24	---	---	---	---	---	---	---	---	---	---	1.67	0.761	24
25	---	---	---	---	---	---	---	---	---	---	1.30	0.725	25
26	---	---	---	---	---	---	---	---	---	---	1.07	0.646	26
27	---	---	---	---	---	---	---	---	---	---	0.882	0.575	27
28	---	---	---	---	---	---	---	---	---	---	0.729	0.512	28
29	---		---	---	---	---	---	---	---	1.53A	0.635	0.503	29
30	---		---	---	---	---	---	---	---	1.35	0.565	0.553	30
31	---		---		---		---			1.12		0.530	31
TOTAL	---	---	---	---	---	---	---	---	---	---	31.036	35.336	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	1.03	1.14	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	3.01	2.32	MAX
MIN	---	---	---	---	---	---	---	---	---	---	0.366	0.498	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 27 43 N
LONG 65 02 55 W
DRAINAGE AREA, 16.7 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	2 680
JUN	---	DEC	3 050

MUSQUODOBOIT RIVER AT CRAWFORD FALLS - STATION NO. 01EK001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	53.2	10.5 E	29.7	46.7	19.9	18.8	10.6	7.88	2.81	9.12	30.1	16.2	1
2	53.5	9.29A	22.9	55.0	17.8	17.3	9.70	6.72	2.54	8.12	22.5	14.5	2
3	40.0A	26.0	20.0	44.2	20.7	14.5	8.56	5.76	2.26	7.62	19.2	35.7	3
4	33.0E	51.7	18.2	38.1	43.7	12.7	7.37	4.93	2.09	7.67	16.7	71.8	4
5	28.0E	58.4 A	16.5	32.0	50.5	11.9	6.34	4.29	1.90	7.12	14.6	86.8	5
6	25.5E	56.6 E	15.1	28.0	40.4	11.2	11.4	4.20	1.76	6.29	13.5	93.0	6
7	23.2A	50.2 E	14.5	30.1	31.8	10.5	20.3	7.13	1.65	7.17	30.6	92.6	7
8	31.1	43.2 E	14.2	28.3	29.1	21.8	14.7	6.44	1.58	22.5	58.5	84.3	8
9	47.6	36.0 E	13.0	23.1	24.7	19.5	10.3	6.08	1.56	29.1	62.4	71.8	9
10	52.7	29.3 E	11.9	20.3	20.3	37.6	8.16	5.29	1.69	25.2	50.4	61.0	10
11	57.3	29.2 E	11.4	19.0	17.6	54.8	7.20	4.53	1.64	19.4	33.8	64.4	11
12	60.7	55.9 A	10.9	17.5	15.7	43.1	6.86	4.08	1.62	15.5	25.8	63.6	12
13	62.7	72.5 A	10.4	15.7	15.0	26.3	6.58	3.82	1.62	13.0	21.6	50.2	13
14	61.4	77.2 A	9.78	14.7	17.3	19.4	7.17	4.15	1.59	11.3	18.5	35.1	14
15	53.1A	70.9 E	11.6	14.7	16.9	16.1	12.1	5.44	1.54	10.1	17.0	27.3	15
16	39.0A	55.0 E	12.6	15.6	14.5	13.9	12.0	5.00	1.61	9.11	21.1	51.6	16
17	30.1E	39.2 E	27.0	13.9	17.4	13.7	9.37	20.5	1.86	10.1	26.7	81.6	17
18	25.6E	29.1 E	63.7	13.1	33.2	13.6	7.17	46.7	2.06	13.1	38.2	92.0	18
19	21.8E	23.8 A	67.8	14.5	26.1	11.5	5.85	35.1	2.38	12.5	51.5	86.6	19
20	18.2E	23.3	49.0	15.9	19.4	9.80	4.85	21.0	2.58	21.9	58.0	69.4	20
21	15.5A	22.8	30.5	14.6	15.9	15.1	5.65	15.0	2.55	27.0	65.1	44.9	21
22	14.2A	23.2	23.8	14.8	13.7	44.4	36.3	11.9	2.44	19.9	89.8	28.6	22
23	12.9	22.9	21.1	14.0	26.3	46.7	50.2	9.81	7.62	15.6	99.9	26.1	23
24	12.2	22.2	19.0	14.5	67.9	35.6	33.3	8.27	33.2	13.4	97.1	25.1	24
25	11.6	21.0	17.4	18.8	80.3	23.3	19.8	6.98	34.8	12.5	82.9	22.3	25
26	11.0	22.9	15.4	19.7	73.6	18.7	14.6	5.99	26.4	11.8	59.5	19.1	26
27	10.9	32.0	14.5	16.7	49.9	22.0	11.8	5.24	18.9	26.7	35.7	16.7	27
28	12.3	37.4	14.0	14.5	32.1	19.0	11.5	4.50	14.3	51.8	25.7	15.0	28
29	13.7		13.3	13.1	23.9	14.9	11.1	3.97	11.9	62.6	21.3	16.4	29
30	12.8		12.7	17.2	19.9	12.2	9.75	3.48	10.4	64.7	18.5	27.6	30
31	11.3A		17.4		19.0		8.78	3.10		50.2		33.9B	31
TOTAL	956.1	1 051.69	649.28	658.3	914.5	649.90	399.36	287.28	200.85	622.12	1 226.2	1 525.2	TOTAL
MEAN	30.8	37.6	20.9	21.9	29.5	21.7	12.9	9.27	6.70	20.1	40.9	49.2	MEAN
MAX	62.7	77.2	67.8	55.0	80.3	54.8	50.2	46.7	34.8	64.7	99.9	93.0	MAX
MIN	10.9	9.29	9.78	13.1	13.7	9.80	4.85	3.10	1.54	6.29	13.5	14.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 25.0
MAXIMUM DAILY, 99.9 ON NOV 23
MINIMUM DAILY, 1.54 ON SEP 15
MAXIMUM INSTANTANEOUS,
101 AT 15:23 AST ON NOV 23

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 52 18 N
LONG 63 13 18 W
DRAINAGE AREA, 650 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	82 600	JUL	34 500
FEB	90 900	AUG	24 800
MAR	56 100	SEP	17 400
APR	56 900	OCT	53 800
MAY	79 000	NOV	106 000
JUN	56 200	DEC	132 000

TOTAL DISCHARGE, 790 000 dam³

MUSQUODOBOIT RIVER NEAR MIDDLE MUSQUODOBOIT - STATION NO. 01EK003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	25.0 B	4.02B	11.0	33.6	8.40	8.26	4.71	2.59A	0.865	2.61	10.1	6.42	1
2	21.2 B	4.00B	9.66	19.5	7.50	7.14	4.18	2.20A	0.830	2.17	8.84	6.10	2
3	17.7 B	29.5 B	8.72	20.7	16.1	6.28	3.58	1.93A	0.788	2.29	7.83	34.3	3
4	15.5 B	28.7 B	8.01	17.5	26.1	5.80	2.84	1.53A	0.720	2.37	6.85	61.7	4
5	13.5 B	28.0 B	7.39	15.2	18.2	5.47	2.52	9.39A	0.717	2.04	6.02	41.5	5
6	12.0 B	23.5 B	7.08	15.1	13.8	4.85	13.5	9.76A	0.702	1.77	5.93	45.2	6
7	11.2 B	13.0 B	6.45	16.6	12.5	6.44	9.78	3.47A	0.639	4.26	37.0	37.3	7
8	27.0 B	13.2 B	6.22	13.0	11.6	9.40	6.12	2.87A	0.662	12.3	31.9	28.1	8
9	26.0 B	13.3 B	5.41	10.8	9.20	11.3	4.27	2.56A	0.668	12.0	22.3	22.8	9
10	19.5 B	14.0 B	5.31	9.98	7.81	38.6	3.60	2.25A	0.637	8.96	16.6	36.7	10
11	28.5 B	16.0 B	5.14	9.48	6.99	19.2	3.37	1.94A	0.728	6.74	12.4	30.9	11
12	29.0 B	35.5 B	4.73	8.55	6.48	11.8	3.55	1.64A	0.680	5.35	10.8	22.4	12
13	25.0 B	38.0 B	4.49	7.72	6.50	9.04	3.11	1.56A	0.674	4.37	8.91	16.7	13
14	18.5 B	39.0 B	4.18	6.94	7.97	7.84	5.75	2.85A	0.632	3.78	7.20	12.7	14
15	14.0 B	28.5 B	4.18	7.73	6.69	6.69	7.48	2.46A	0.615	3.44	7.69	12.3	15
16	11.0 B	19.5 B	4.25	7.70	6.02	5.91	5.63	2.35A	0.660	3.15	11.4	58.7	16
17	9.00B	16.0 B	30.6	6.88	11.7	6.50	3.81A	17.6 E	1.02	4.58	14.0	50.7	17
18	7.70B	13.5 B	34.4	6.67	11.8	5.70	2.99A	13.4 A	0.984	5.32	23.3	37.7	18
19	6.00B	12.7 B	18.4	8.58	8.32	4.53	2.51A	7.97A	0.838	4.92	31.7	25.3	19
20	5.60B	11.8 B	12.5	8.16	6.96	3.89	2.19A	5.43A	0.868	13.7	23.8	17.5	20
21	5.20B	11.4 B	10.4	7.41	5.93	21.4	5.21A	4.31	0.817	9.25	56.5	12.4 B	21
22	5.00B	11.2 B	9.29	7.38	5.14	25.2	16.5 E	3.49	0.728	6.76	59.3	10.8 B	22
23	4.80B	10.7 B	8.67	7.17	26.5	17.3	11.5 E	2.82	13.0	5.28	45.1	11.9	23
24	4.60B	10.5 B	7.99	8.14	46.6	12.1	8.08A	2.25	15.7	4.75	30.2	10.7	24
25	4.50B	10.3 B	7.35	10.4	24.5	8.31	5.90A	1.96	11.6	4.97	19.5	9.19	25
26	4.50B	10.2 B	6.39	9.13	15.6	10.9	4.93A	1.69	7.72	4.81	13.8	8.10B	26
27	4.40B	16.1	6.17	7.66	12.3	11.1	4.48A	1.38	5.07	29.9	11.0	7.66B	27
28	4.30B	14.1	6.09	6.75	10.2	7.88	4.61A	1.34	3.87	38.9	9.14	7.03B	28
29	4.20B		5.90	6.19	8.57	6.16	4.32A	1.16	3.44	34.5	8.13	8.90B	29
30	4.10B		5.69	8.67	7.65	5.19	3.50A	1.08	3.00	18.9	7.19	16.2 B	30
31	4.05B		27.6		8.09		3.24A	1.01		12.6		11.2 B	31
TOTAL	392.05	496.22	299.66	329.29	381.72	310.18	167.76	118.24	79.872	276.74	564.43	719.10	TOTAL
MEAN	12.6	17.7	9.67	11.0	12.3	10.3	5.41	3.81	2.66	8.93	18.8	23.2	MEAN
MAX	29.0	39.0	34.4	33.6	46.6	38.6	16.5	17.6	15.7	38.9	59.3	61.7	MAX
MIN	4.05	4.00	4.18	6.19	5.14	3.89	2.19	1.01	0.615	1.77	5.93	6.10	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.3
MAXIMUM DAILY, 61.7 ON DEC 4
MINIMUM DAILY, 0.615 ON SEP 15
MAXIMUM INSTANTANEOUS,
80.4 AT 16:23 AST ON NOV 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 02 36 N
LONG 63 08 30 W
DRAINAGE AREA, 334 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	33 900	JUL	14 500
FEB	42 900	AUG	10 200
MAR	25 900	SEP	6 900
APR	28 500	OCT	23 900
MAY	33 000	NOV	48 800
JUN	26 800	DEC	62 100

TOTAL DISCHARGE, 357 000 dam³

MUSQUODOBOIT RIVER NEAR UPPER MUSQUODOBOIT - STATION NO. 01EK004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.30B	2.03B	4.55	9.68	3.69	4.44	3.45	1.21 E	0.272	1.84	5.49	3.99	1
2	5.10B	5.40B	4.31	7.11	3.69	4.25	3.21	0.891E	0.232	1.57	5.12	3.83	2
3	4.95B	12.4 B	4.06	7.78	4.73	3.88	2.73	0.687E	0.201	1.57	4.83	8.54	3
4	4.80B	15.2 B	3.89	7.31	7.20	3.63	2.17	0.526E	0.199	1.59	4.52	18.2	4
5	4.65B	10.9 B	3.74	6.88	6.44	3.46	2.04	3.56 A	0.168	1.41	4.18	18.4	5
6	4.50B	8.66B	3.56	6.83	5.72	3.35	5.40	4.33	0.142	1.17	4.15	15.8	6
7	4.40B	7.59B	3.49	6.99	5.40	3.32	4.83	2.74	0.136	1.61	10.7	15.5	7
8	5.80B	7.08B	3.42	6.07	5.27	3.69	3.88	2.46	0.139	3.84	12.2	13.3	8
9	7.00B	11.6 B	3.16	5.39	4.82	3.75	3.17A	1.98	0.118	4.41	11.1	10.8	9
10	6.50B	11.4 B	3.05	5.15	4.43	8.49	2.69A	1.64	0.193	4.08	9.01	12.2	10
11	8.80B	9.33B	2.92	4.88	4.16	6.41	2.61	1.33	0.182	3.62	7.10	12.3	11
12	10.0 B	15.3 B	2.71	4.64	3.94	5.28	2.42	1.11	0.167	3.26	6.21	10.2	12
13	7.50B	18.1 B	2.43	4.32	3.89	4.69	2.25	1.20	0.149	3.04	5.29	8.10	13
14	6.00B	14.2 E	2.18	4.07	4.17	4.36	2.77	1.74	0.124	2.78	4.82	6.41	14
15	5.30B	9.47E	2.20	4.10	3.85	4.03	3.43	1.43	0.102	2.64	4.78	5.75	15
16	4.90B	7.41E	2.19	4.13	3.62	3.75	3.26	1.74	0.128	2.40	5.23	13.8	16
17	4.50B	6.12E	6.35	3.93	3.97	3.65	2.28	6.76	0.508	2.75	6.76	20.8	17
18	4.20B	5.37A	9.85	3.77	4.59	3.65	1.66	5.36	0.475	3.02	8.93	16.8	18
19	3.95B	4.88	6.63	4.02	4.05	3.23	1.40	4.23	0.335	2.95	11.6	12.4	19
20	3.75B	4.69	5.25	4.16	3.71	2.73	1.19	3.58	0.459	4.61	11.0	9.29	20
21	3.60B	4.49	4.84	3.92	3.45	4.58	2.23	3.06	0.363	4.01	15.6	7.04	21
22	3.40B	4.44	4.60	3.90	3.19	6.96	6.45A	2.48	0.287	3.54	23.1	5.69	22
23	3.15B	4.40	4.32	3.82	6.22	6.19	4.73E	1.86	3.95	3.26	19.2	5.85	23
24	3.00B	4.39	4.17	3.93	10.1	5.33	3.38E	1.53	4.01	3.19	14.4	5.47	24
25	2.80B	4.30	3.93	4.09	8.14	4.59	2.66E	1.22	3.33	3.28	10.2	4.87	25
26	2.65B	4.52	3.62	4.02	6.82	4.82	2.33E	0.963	2.88	3.27	7.52	4.50	26
27	2.55B	5.08	3.57	3.73	6.20	5.12	2.07E	0.755	2.49	8.42	6.01	4.08	27
28	2.40B	5.08	3.44	3.53	5.47	4.49	2.14E	0.636	2.22	10.1	5.24	3.89	28
29	2.30B		3.35	3.35	4.90	4.07	1.96E	0.518	2.12	11.1	4.72	4.09	29
30	2.20B		3.25	3.52	4.50	3.73	1.54E	0.405	1.99	7.69	4.32	5.63	30
31	2.10B		6.40		4.43		1.46E	0.343		6.15		4.92B	31
TOTAL	142.05	223.83	125.43	149.02	154.76	133.92	87.79	62.274	28.069	118.17	253.33	292.44	TOTAL
MEAN	4.58	7.99	4.05	4.97	4.99	4.46	2.83	2.01	0.936	3.81	8.44	9.43	MEAN
MAX	10.0	18.1	9.85	9.68	10.1	8.49	6.45	6.76	4.01	11.1	23.1	20.8	MAX
MIN	2.10	2.03	2.18	3.35	3.19	2.73	1.19	0.343	0.102	1.17	4.15	3.83	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.85
MAXIMUM DAILY, 23.1 ON NOV 22
MINIMUM DAILY, 0.102 ON SEP 15
MAXIMUM INSTANTANEOUS,
23.8 AT 07:36 AST ON NOV 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 07 29 N
LONG 62 57 52 W
DRAINAGE AREA, 141 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	12 300	JUL	7 590
FEB	19 300	AUG	5 380
MAR	10 800	SEP	2 430
APR	12 900	OCT	10 200
MAY	13 400	NOV	21 900
JUN	11 600	DEC	25 300

TOTAL DISCHARGE, 153 000 dam³

NOVA SCOTIA

NORTH LITTLE RIVER BELOW BEAVER DAM LAKE - STATION NO. 01FA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.01	0.390B	1.42	1.30	1.62	---	---	0.061	0.012	0.428	0.335	0.557	1
2	2.25 B	0.800B	1.09	1.32	1.44	---	---	0.054	0.011	0.357	0.292	0.483	2
3	1.30 B	2.44 B	0.829	2.71	1.89	---	---	0.052	0.010	0.292	1.09	2.83	3
4	1.10 B	1.25 B	0.663	2.56	4.38	---	---	0.046	0.012	0.250	3.84	7.79	4
5	1.05 B	0.830B	0.561	1.87	3.26	---	---	0.042	0.012	0.215	3.42	6.41	5
6	0.960B	0.700B	0.479	1.39	2.09	---	---	0.043	0.012	0.206	2.46	6.00	6
7	3.10 B	0.620B	0.537	1.12	1.52	---	---	0.205	0.012	0.225	1.75	5.87	7
8	2.50 B	0.540B	0.684	0.861	1.20	---	---	0.505	0.014	0.247	1.25	3.99	8
9	2.10 B	1.00 B	0.659	0.689	0.928	---	---	0.539	0.019	0.246	0.972	2.71	9
10	2.40 B	1.62 B	0.585	0.555	0.716	---	---	0.463	0.029	0.228	0.814	2.09	10
11	4.00 B	2.50 B	0.515	0.470	0.567	---	---	0.359	0.028	0.211	0.655	1.63	11
12	2.45 A	3.85 B	0.459	0.397	0.464	---	---	0.218	0.029	0.328	0.549	1.23	12
13	1.70	1.80 B	0.406	0.326	0.387	---	---	0.122	0.030	1.77	0.472	0.942	13
14	1.35	1.23 B	0.377	0.224	0.361	---	---	0.094	0.030	3.74	0.423	0.738	14
15	1.05 B	0.950B	0.367	0.176	0.293	---	---	0.053	0.031	3.86	0.413	0.648	15
16	0.829B	0.820B	0.358	0.166	0.191	---	---	0.028	0.032	2.90	0.448	2.13	16
17	0.648B	0.680B	0.718	0.133	0.136	---	1.05 A	0.066	0.042	2.17	0.785	2.96	17
18	0.550B	0.580B	2.19	0.145	---	---	0.687	0.217	0.039	1.52	1.70	2.03	18
19	0.500B	0.510B	1.79	0.325	0.317A	---	0.487	0.293	0.044	1.12	3.24	1.36	19
20	0.470B	0.480B	1.24	0.630	---	---	0.464	0.260	0.082	0.835	2.64	1.01	20
21	0.440B	0.445B	0.991	0.592B	---	---	0.923	0.196	0.111	0.641	4.23	0.767	21
22	0.415B	0.425B	0.803	0.518B	---	---	2.24	0.126	0.116	0.516	6.70	0.595B	22
23	0.400B	0.402B	0.647	1.43 B	---	---	2.08	0.075	0.115	0.413	4.10	0.533B	23
24	0.380B	0.387B	0.560	2.44	---	---	1.30	0.066	0.231	0.363	2.35	0.480B	24
25	0.365B	0.475B	0.499	2.47	---	---	0.828	0.040	0.541	0.682	1.44	0.430B	25
26	0.550B	0.640B	0.419	2.53	---	---	0.537	0.032	0.934	0.981	1.13	0.395B	26
27	0.500B	1.39	0.374	2.20	---	---	0.379	0.030	0.980	0.887	0.961	0.365B	27
28	0.465B	1.75	0.351	2.05	---	---	0.331	0.021	0.819	0.675	0.804	0.354B	28
29	0.430B		0.282	1.74	---	---	0.213	0.016	0.639	0.586	0.685	0.343B	29
30	0.410B		0.250	1.83	---	---	0.164	0.013	0.513	0.469	0.637	0.333B	30
31	0.395B		0.663		---		0.093	0.012		0.395		0.325B	31
TOTAL	39.067	29.504	21.766	35.167	---	---	---	4.347	5.529	27.756	50.585	58.328	TOTAL
MEAN	1.26	1.05	0.702	1.17	---	---	---	0.140	0.184	0.895	1.69	1.88	MEAN
MAX	4.01	3.85	2.19	2.71	---	---	---	0.539	0.980	3.86	6.70	7.79	MAX
MIN	0.365	0.387	0.250	0.133	---	---	---	0.012	0.010	0.206	0.292	0.325	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 7.79 ON DEC 4
MINIMUM DAILY, 0.010 ON SEP 3
MAXIMUM INSTANTANEOUS,
8.35 AT 10:36 AST ON DEC 4

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 37 50 N
LONG 61 17 05 W
DRAINAGE AREA, 26.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1973

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 380	JUL	---
FEB	2 550	AUG	376
MAR	1 880	SEP	478
APR	3 040	OCT	2 400
MAY	---	NOV	4 370
JUN	---	DEC	5 040

NORTH RIVER AT NORTH RIVER - STATION NO. 01DH004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.5 B	1.12B	7.65	23.1	10.7	3.62	1.92A	1.72	0.457	0.790	6.70A	4.13	1
2	9.20B	1.10B	6.33	17.3	7.96	2.52	1.80E	1.44	0.426	0.737	5.90E	5.17	2
3	7.90B	7.00B	5.42	29.4	8.72	2.15	1.69E	1.35	0.412	0.874	5.40E	32.2	3
4	6.70B	25.0 B	4.81	23.6	11.4	1.94	1.58E	1.15	0.399	0.910	5.00E	50.2	4
5	5.80B	21.7 B	4.25	35.9	8.56	1.76	1.49E	1.14	0.395	0.744	4.60E	16.6	5
6	5.00B	18.7 B	3.89	46.7	7.04	1.54	2.20E	1.95	0.373	0.673	6.60E	22.8	6
7	4.60B	16.0 B	4.15	29.2	7.22	1.85	5.57A	1.91	0.382	5.15	62.0 E	18.6	7
8	6.00B	14.0 B	3.90	16.6	6.28	2.11	8.11	1.60	0.382	8.64	16.0 E	13.5	8
9	8.00B	17.0 B	3.50	13.9	4.42	6.01	4.31	1.44	0.354	6.56	9.50E	10.5	9
10	10.0 B	15.5 B	3.01	15.7	3.81	21.9	2.37	1.32	0.368	17.4	7.82A	12.4	10
11	14.0 B	14.5 B	2.92	12.1	2.90	16.6	1.97	1.17	0.376	16.2	6.79	14.5	11
12	21.0 B	50.0 B	2.66	9.87	2.65	8.82	1.87	1.05	0.360	8.84	7.73	15.6	12
13	11.0 B	32.0 B	2.49	7.21	2.92	5.34	1.72	0.938	0.333	5.73	6.40	10.4	13
14	5.00B	22.0 B	2.62	5.53	3.28	4.55	6.45	0.822	0.289	4.21	5.54	8.16	14
15	2.75B	16.2 B	2.98	6.53	2.40	3.37	17.8	0.706	0.280	3.50	5.26	7.90	15
16	1.80B	12.5 B	3.16	4.84	2.10	2.81	9.71	0.667	0.345	3.00	5.77	79.7	16
17	1.70B	9.70B	28.6	3.99	8.50	3.23	4.56	9.72	0.533	3.79	8.78	30.4	17
18	1.60B	8.20B	26.0	5.16	8.20	2.52	2.76	6.73	0.460	4.86	14.7	16.1	18
19	1.55B	7.90B	11.3	13.4	4.00	2.05	2.22	3.62	0.413	10.6	24.2	12.2	19
20	1.43B	7.44	7.21	7.98	3.16	1.91	1.95	2.05	2.39	28.3	13.4	9.96	20
21	1.32B	8.59	5.27	5.69	2.71	7.12	3.22	1.44	1.33	10.6	69.3	7.88	21
22	1.28B	10.7	4.84	4.94	2.36	7.25	9.00	1.12	0.766	7.10	26.7	8.15	22
23	1.20B	9.89	4.01	7.63	11.2	10.9	3.70	0.937	4.06	5.59	15.0	9.23	23
24	1.15B	9.62	3.83	10.4	21.0	5.08	2.28	0.870	2.97	5.34	10.9	7.65	24
25	1.20B	9.73	3.40	8.50	13.9	3.64	1.75	0.820	2.87	5.20	8.62	6.71	25
26	1.30B	11.5	3.30	7.79	8.72	9.41	1.55	0.732	2.25	5.19	7.39	5.43	26
27	1.45B	13.7	3.16	6.79	6.30	6.17	2.90	0.651	1.44	26.8	6.64	4.80B	27
28	1.60B	10.4	3.12	6.08	4.93	3.38	8.12	0.604	1.20	40.3	5.94	4.50B	28
29	1.40B		2.94	6.00	3.96	2.57	2.72	0.564	1.06	24.2	5.54	4.10B	29
30	1.30B		3.08	16.8	3.32	2.13	2.08	0.511	0.908	11.5	4.79	3.80B	30
31	1.20B		36.7		3.40		2.15	0.488		8.08		3.60B	31
TOTAL	150.93	401.69	210.50	408.63	198.02	154.25	121.52	51.230	28.581	281.408	388.91	456.[illegible]	TOTAL
MEAN	4.87	14.3	6.79	13.6	6.39	5.14	3.92	1.65	0.953	9.08	13.0	14.7	MEAN
MAX	21.0	50.0	36.7	46.7	21.0	21.9	17.8	9.72	4.06	40.3	69.3	79.7	MAX
MIN	1.15	1.10	2.49	3.99	2.10	1.54	1.49	0.488	0.280	0.673	4.60	3.60	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.82
MAXIMUM DAILY, 79.7 ON DEC 16
MINIMUM DAILY, 0.280 ON SEP 15
MAXIMUM INSTANTANEOUS,
152 AT 11:04 AST ON DEC 16

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 25 30 N
LONG 63 15 20 W
DRAINAGE AREA, 202 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	13 000	JUL	10 500
FEB	34 700	AUG	4 430
MAR	18 200	SEP	2 470
APR	35 300	OCT	24 300
MAY	17 100	NOV	33 600
JUN	13 300	DEC	39 500

TOTAL DISCHARGE, 246 000 dam³

NORTHEAST MARGAREE RIVER AT MARGAREE VALLEY - STATION NO. 01FB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	22.0	5.00B	17.6	36.4	99.8	8.07	5.76	7.99	4.90	80.5	18.2	15.4	1
2	16.0 B	6.40B	15.7	31.0	83.7	7.36	5.50	7.27	4.79	42.9	21.2	14.2	2
3	12.9 B	26.0 B	14.2	69.0	73.1	6.95	5.26	6.49	4.57	27.4	18.2	59.1	3
4	11.3 B	20.0 B	13.4	42.9	80.9	6.76	5.15	6.27	4.37	21.2	16.4	182	4
5	10.2 B	13.0 B	13.1	123	73.9	6.71	6.10	5.91	4.14	17.4	14.6	95.9	5
6	9.60B	10.1 B	12.5	189	77.6	6.30	16.6	5.60	4.01	15.6	13.7	90.4	6
7	9.30B	9.10B	13.9	118	65.3	6.05	18.4	5.49	4.23	14.1	95.1	110	7
8	46.0 B	7.90B	12.4	50.2	44.4	6.58	13.6	5.45	3.95	26.2	58.1	52.6	8
9	30.3	9.40B	11.5	46.2	35.8	6.43	16.3	5.32	3.76	19.7	35.9	36.3	9
10	21.5	8.80B	10.9	84.2	34.2	10.2	11.5	5.10	3.86	18.0	28.7	30.8	10
11	41.2	10.5 B	10.0	52.7	32.8	8.95	9.24	4.80	3.69	17.0	24.8	28.1	11
12	27.4	68.5	9.37	39.6	30.9	7.13	7.60	4.72	3.57	14.6	24.9	27.1	12
13	17.5 B	61.8	8.76	30.7	28.0	6.48	7.19	4.60	3.60	12.9	21.8	23.5	13
14	14.7 B	28.0 B	8.89	26.4	24.4	6.03	9.16	4.55	5.88	11.8	19.5	21.6	14
15	12.9 B	22.0 B	8.72	33.7	21.2	5.61	11.3	4.33	4.55	10.9	17.8	20.3	15
16	11.5 B	19.0 B	8.37	29.4	18.4	5.54	15.5	4.50	3.95	10.5	17.0	73.1	16
17	10.6 B	18.3	42.0 B	24.6	18.0	5.81	11.9	29.5	3.94	12.5	16.3	60.6	17
18	9.60B	16.7	115 B	24.8	18.9	6.00	8.75	17.3	3.94	13.5	19.3	32.5	18
19	8.90B	15.8	39.0	32.1	15.4	5.37	7.64	20.1	3.66	11.7	29.1	27.3	19
20	8.30B	15.3	23.5 B	28.8	14.0	4.81	7.24	13.1	4.26	15.9	25.3	23.8	20
21	7.70B	14.7	18.6 B	25.2	13.0	9.17	7.00	9.66	4.82	13.6	51.4	21.6	21
22	7.30B	14.7	15.8 B	25.6	11.9	13.6	7.65	8.56	3.84	11.8	54.6	20.2	22
23	6.80B	14.6	13.5 B	25.7	11.5	9.02	6.82	7.48	12.4	10.6	34.2	19.4	23
24	6.50B	14.6	12.4 B	20.5	16.5	6.83	5.90	6.87	19.5	10.6	28.1	18.1	24
25	6.25B	15.4	11.8 B	20.3	14.7	5.81	5.62	6.45	10.8	12.7	23.7	17.0	25
26	6.05B	15.4	11.3 B	19.8	11.4	9.17	5.40	6.25	8.92	10.8	21.8	15.9	26
27	5.90B	18.9	10.8 B	19.4	10.1	11.6	5.80	5.80	6.68	13.1	20.1	14.9	27
28	7.40B	21.1	10.3 B	22.2	9.98	7.97	25.7	5.54	5.83	46.0	18.9	14.2	28
29	6.00B		9.80B	26.0	9.39	6.76	12.2	5.34	6.46	52.4	18.1	13.4B	29
30	5.50B		9.60B	133	9.02	6.03	9.88	5.16	34.8	27.5	17.2	13.0B	30
31	5.25B		34.9		8.27		9.43	5.02		21.0		12.4	31
TOTAL	422.35	521.00	567.61	1 450.4	1 016.46	219.10	301.09	240.52	197.67	644.4	824.0	1 204.7	TOTAL
MEAN	13.6	18.6	18.3	48.3	32.8	7.30	9.71	7.76	6.59	20.8	27.5	38.9	MEAN
MAX	46.0	68.5	115	189	99.8	13.6	25.7	29.5	34.8	80.5	95.1	182	MAX
MIN	5.25	5.00	8.37	19.4	8.27	4.81	5.15	4.33	3.57	10.5	13.7	12.4	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.8
MAXIMUM DAILY, 189 ON APR 6
MINIMUM DAILY, 3.57 ON SEP 12
MAXIMUM INSTANTANEOUS,
313 AT 06:24 AST ON DEC 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 22 10 N
LONG 60 58 36 W
DRAINAGE AREA, 368 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	36 500	JUL	26 000
FEB	45 000	AUG	20 800
MAR	49 000	SEP	17 100
APR	125 000	OCT	55 700
MAY	87 800	NOV	71 200
JUN	18 900	DEC	104 000

TOTAL DISCHARGE, 657 000 dam³

PEMBROKE RIVER AT GLENBERVIE - STATION NO. 01DG018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.70 B	0.420B	2.16	11.3	2.92	1.04	0.972	0.416	0.120	1.06	3.08	1.28	1
2	3.80 B	0.415B	1.95	7.01	2.17	0.854	0.759	0.322	0.123	0.750	2.66	1.21	2
3	3.10 B	1.70 B	1.46	9.33	3.59	0.712	0.594	0.257	0.122	0.924	2.13	9.26	3
4	2.10 B	5.40 B	1.23	7.67	5.88	0.611	0.541	0.173	0.089	0.807	1.54	16.8	4
5	1.70 B	8.80 B	1.16	7.94	4.38	0.616	0.873	0.188	0.090	0.671	1.36	7.00	5
6	1.50 B	7.60 B	1.04 B	10.0	3.13	0.495	4.10	0.366	0.104	0.562	1.24	10.0	6
7	1.40 B	6.60 B	0.960B	8.47A	2.94	0.446	2.06	0.598A	0.077	1.70	8.14	7.94	7
8	1.85 B	5.75 B	0.910B	5.07A	2.66	0.459	1.45	0.519	0.100	3.48	5.80	5.76	8
9	2.40 B	5.25 B	0.870B	3.83	1.99	1.18	1.14	0.406	0.100	2.26	3.57	4.60	9
10	3.50 B	4.80 B	0.840B	3.97	1.57	6.27	0.849	0.335	0.108	1.90	2.53	6.39	10
11	5.70 B	4.50 B	0.810B	3.28	1.38	3.21	0.774	0.271	0.119	1.81	2.12	5.51	11
12	8.00 B	7.20 B	0.790B	2.68	1.26	1.95	1.05	0.226	0.115	1.54	2.23	4.47	12
13	2.40 B	12.6 B	0.750B	2.31	1.21	1.58	0.802	0.217	0.116	1.17	1.75	3.39	13
14	1.30 B	9.00 B	0.814	1.94	1.34	1.64	2.28	0.349	0.086	0.949	1.47	2.69	14
15	0.900B	6.20 B	0.960	2.15	1.14	1.26	1.79	0.260	0.061	0.784	1.52	2.42	15
16	0.631B	4.60 B	1.04	1.91	0.999	0.930	1.33	0.266	0.107	0.751	1.65	22.2	16
17	0.590B	3.00 B	9.21	1.61	1.84	1.03	0.967	4.99	0.518	1.32	2.67	12.5	17
18	0.550B	2.75 B	8.73 A	1.83	1.93	0.885	0.771	2.92	0.314	1.43	5.11	6.39	18
19	0.525B	2.58 B	5.02 E	2.90	1.40	0.736	0.641	1.69	0.222	1.38	8.17	4.60	19
20	0.500B	2.45 B	4.21 E	2.29	1.26	0.622	0.469	1.15	0.498	4.91	5.00	3.49	20
21	0.475B	2.38 B	3.78 E	2.03	1.06	2.47	0.541	0.899	0.326	2.87	21.7	2.66	21
22	0.455B	2.28 B	3.13 E	1.65	0.920	2.43	1.51	0.668	0.233	2.04	14.1	2.67	22
23	0.425B	2.20 B	2.78 E	1.90	4.82	2.64	0.849	0.525	2.61	1.68	7.05	2.88	23
24	0.405B	2.13 B	2.18 E	2.55	6.67	1.71	0.643	0.487	2.06	1.44	4.99	2.39	24
25	0.450B	2.05 B	1.73 A	2.61	4.10	1.27	0.491	0.384	1.47	1.44	3.66	1.85B	25
26	0.500B	2.96	1.43	2.18	2.72	3.13	0.388	0.279	1.15	1.40	2.68	1.55B	26
27	0.550B	3.88	1.09	1.90	2.06	3.04	0.333	0.244	0.884	9.48	2.25	1.42B	27
28	0.580B	2.96	1.22	1.70	1.60	1.86	0.847	0.263	0.712	18.0	1.93	1.32	28
29	0.490B		1.19	1.57	1.25	1.49	0.521	0.271	0.613	12.9	1.78	1.38	29
30	0.450B		1.24	3.94	1.13	1.10	0.556	0.218	0.876	6.39	1.57	1.80	30
31	0.430B		17.6		1.06		0.733	0.159		4.35		1.97	31
TOTAL	52.356	122.455	82.284	119.52	72.379	47.666	31.624	20.316	14.123	92.148	125.45	159.69	TOTAL
MEAN	1.69	4.37	2.65	3.98	2.33	1.59	1.02	0.655	0.471	2.97	4.18	5.15	MEAN
MAX	8.00	12.6	17.6	11.3	6.67	6.27	4.10	4.99	2.61	18.0	21.7	22.2	MAX
MIN	0.405	0.415	0.750	1.57	0.920	0.446	0.333	0.159	0.061	0.562	1.24	1.21	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.58
MAXIMUM DAILY, 22.2 ON DEC 16
MINIMUM DAILY, 0.061 ON SEP 15
MAXIMUM INSTANTANEOUS,
43.0 AT 14:18 AST ON NOV 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 15 54 N
LONG 62 56 29 W
DRAINAGE AREA, 73.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 520	JUL	2 730
FEB	10 600	AUG	1 760
MAR	7 110	SEP	1 220
APR	10 300	OCT	7 960
MAY	6 250	NOV	10 800
JUN	4 120	DEC	13 800

TOTAL DISCHARGE, 81 200 dam³

RIGHTS RIVER NEAR ANTIGONISH - STATION NO. 01DR003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.60 B	0.725B	1.80	4.42	3.06	1.15	0.236	0.254	0.088	0.456	2.02	0.372E	1
2	4.80 B	0.705B	1.51	5.30	2.42	0.901	0.210	0.179	0.078	0.460	2.02	0.549E	2
3	4.20 B	5.60 B	1.29 B	8.99	5.34	0.732	0.199	0.141	0.073	0.690	1.55	10.4 E	3
4	3.70 B	5.15 B	1.17	5.81	6.43	0.655	0.182	0.121	0.073	0.569	1.27	19.2 A	4
5	3.30 B	4.40 B	1.09	7.74	3.46	0.603	0.157	0.098	0.068	0.411	1.08	4.97	5
6	2.75 B	3.85 B	1.01 B	7.49	2.67	0.513	0.679	0.099	0.068	0.329	1.02	12.0	6
7	3.10 B	3.30 B	0.950B	5.13	2.32	0.435	0.421	1.68	0.081	3.30	7.81	7.12	7
8	4.75 B	3.05 B	0.910B	3.40	1.82	0.416	0.303	0.713	0.069	4.02	3.25	7.15	8
9	4.55 B	2.90 B	0.870B	2.71	1.44	0.405	0.270	0.410	0.061	6.09	2.09	4.76	9
10	3.20 B	2.80 B	0.830B	2.71	1.22	2.38 A	0.891	0.316	0.083	9.03	1.63	8.69	10
11	5.60 B	2.70 B	0.800B	2.21	1.07	3.68 E	0.465	0.222	0.085	7.00	1.42	5.55	11
12	5.20 B	7.00 B	0.765B	1.75	0.971	2.68 E	0.300	0.203	0.070	4.25	1.59	4.41	12
13	3.20 B	7.60 B	0.739	1.48	0.901	1.23 A	0.233	0.187	0.065	2.70	1.28	3.12	13
14	2.30 B	5.20 B	0.734	1.28	0.886	0.878	1.78	0.184	0.061	1.98	1.09	2.51	14
15	1.85 B	3.75 B	0.694B	1.32	0.730	0.722	0.983	0.160	0.055	1.59	1.04	2.59	15
16	1.50 B	2.92 B	0.686B	1.01	0.620	0.643	1.17	1.21	0.082	1.32	1.01	14.5	16
17	1.31 B	2.15 B	11.2	0.926	3.97 A	0.613	0.537	3.77	0.208	2.55	1.86	5.63	17
18	1.17 B	2.04 B	6.63	0.969	2.73 A	0.608	0.334	1.22	0.149	1.78	3.27	3.27	18
19	1.04 B	1.84 B	2.72 B	2.35	1.28	0.486	0.246	0.811	0.140	1.27	4.49	2.72	19
20	0.917B	1.78 B	2.14	1.61	1.04	0.388	0.616	0.504	0.423	2.10	2.82	2.09 B	20
21	0.885B	1.75 B	1.70 B	1.32	0.896	0.842A	0.490	0.397	0.197	1.30	30.7 A	1.72 B	21
22	0.865B	1.73 B	1.49 B	0.983	0.772	0.904A	0.932	0.304	0.133	1.07	10.8 E	1.56 B	22
23	0.850B	1.70 B	1.30 B	3.27	13.2 A	0.615	0.473	0.233	0.725	0.889	4.05 E	1.43 B	23
24	0.830B	1.67 B	1.23 B	3.97	8.83 A	0.430	0.318	0.210	1.31	1.03	2.04 E	1.33 B	24
25	0.810B	1.66 B	1.15 B	3.85	5.31	0.373	0.219	0.185	2.39	1.04	1.18 E	1.26 B	25
26	0.795B	1.65 B	1.04 B	3.57	3.19	0.596	0.189	0.165	1.26	1.15	0.874E	1.15 B	26
27	0.780B	3.68 B	0.961B	4.85	3.21	0.537	0.166	0.151	0.637	9.83	0.777E	1.13 B	27
28	0.765B	2.63	0.932B	4.85	2.22	0.391	0.282	0.138	0.424	9.74	0.685E	1.12 B	28
29	0.750B		0.979	3.98	1.60	0.334	0.200	0.130	0.420	6.63	0.612E	1.17 B	29
30	0.745B		1.25	4.55	1.34	0.277	0.465	0.098	0.357	3.34	0.540E	1.91 B	30
31	0.735B		7.30		1.27		0.506	0.100		2.39		1.90 B	31
TOTAL	72.847	85.930	57.870	103.798	86.216	25.417	14.452	14.593	9.933	90.304	95.868	137.281	TOTAL
MEAN	2.35	3.07	1.87	3.46	2.78	0.847	0.466	0.471	0.331	2.91	3.20	4.43	MEAN
MAX	5.60	7.60	11.2	8.99	13.2	3.68	1.78	3.77	2.39	9.83	30.7	19.2	MAX
MIN	0.735	0.705	0.686	0.926	0.620	0.277	0.157	0.098	0.055	0.329	0.540	0.372	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.18
MAXIMUM DAILY, 30.7A ON NOV 21
MINIMUM DAILY, 0.055 ON SEP 15
MAXIMUM INSTANTANEOUS,
84.6 AT 14:09 AST ON NOV 21

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 38 44 N
LONG 62 01 15 W
DRAINAGE AREA, 64.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 290	JUL	1 250
FEB	7 420	AUG	1 260
MAR	5 000	SEP	858
APR	8 970	OCT	7 800
MAY	7 450	NOV	8 280
JUN	2 200	DEC	11 900

TOTAL DISCHARGE, 68 700 dam³

RIVER INHABITANTS AT GLENORA - STATION NO. 01FA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	27.5 B	3.30B	6.20B	33.6	17.4	3.72	2.50	2.60	0.937	1.64	5.64	4.80	1
2	12.8 B	6.78	5.20B	15.1	14.9	3.20	2.17	1.95	0.917	1.75	6.40	4.48	2
3	9.10B	16.1	4.60B	30.6	16.1	2.85	1.92	1.74	0.891	2.36	5.35	24.2	3
4	7.80B	27.9	4.10B	23.0	28.6	2.59	1.80	1.52	0.920	2.62	5.07	58.0	4
5	7.00B	10.0 B	3.75B	17.5	18.0	2.45	1.74	1.43	0.895	2.03	4.79	39.1	5
6	6.70B	6.50B	3.60B	15.5	11.3	2.28	3.67	1.43	0.862	1.57	4.23	39.3	6
7	6.40B	5.40B	6.00B	12.0	10.1	2.19	3.43	5.29	0.818	2.38	25.0	49.4	7
8	10.0 B	4.70B	7.00B	8.63	9.25	2.16	2.66	5.37	0.795	17.8	39.9	26.3	8
9	20.5 B	4.55B	4.60B	6.98	7.01	2.15	4.68	3.33	0.755	12.7	13.4	15.6	9
10	16.3 B	4.40B	4.00B	6.42	5.78	15.6	4.94	2.43	0.985	12.0	8.15	13.4	10
11	25.0 B	7.00B	3.45B	5.98	4.97	11.7	4.21	1.94	0.992	8.45	6.45	10.9	11
12	31.1	19.0 B	3.25B	5.01	4.65	7.04	2.62	1.75	0.926	5.52	6.20	9.07	12
13	14.0 B	42.7	3.05B	4.45	4.41	4.59	1.94	1.71	0.809	4.13	5.18	7.45	13
14	9.80B	25.7	2.95B	3.84	4.50	3.45	8.40	1.63	0.840	3.34	4.47	6.29	14
15	7.70B	15.1	3.35B	3.78	3.82	2.87	8.81	1.52	0.691	2.94	3.98	5.92	15
16	6.80B	9.90B	2.90B	3.37	3.38	2.57	6.54	1.33	0.739	2.57	3.97	30.6	16
17	5.90B	8.60B	11.7	3.16	4.76	2.80	4.21	9.16	1.77	7.07	5.62	33.5	17
18	5.10B	7.70B	35.7	4.24	7.48	2.76	2.92	9.62	1.76	7.39	11.1	12.3	18
19	4.65B	7.40B	13.9	11.7	4.63	2.30	2.27	4.69	1.15	4.45	25.6	8.62	19
20	4.30B	7.10B	6.40B	12.5	3.67	2.06	3.90	2.96	2.94	5.40	14.8	7.36	20
21	4.03B	6.50B	5.00B	5.36B	3.24	5.86	4.49	2.19	1.91	4.46	27.6	5.95	21
22	3.90B	6.10B	4.30B	3.54B	2.88	11.7	16.0	1.79	1.21	3.40	53.5	5.50B	22
23	3.75B	5.70B	3.70B	12.8 B	14.0	5.55	6.05	1.57	1.87	2.87	19.8	5.15B	23
24	3.65B	5.45B	3.30B	18.6	26.2	3.71	4.42	1.63	10.4	2.93	10.1	4.92B	24
25	3.56B	5.25B	2.95B	15.1	13.7	2.63	3.15	1.46	9.38	3.76	7.84	4.63B	25
26	3.49B	5.10B	2.70B	17.1	7.87	7.13	2.46	1.26	5.25	3.17	7.29	4.40B	26
27	3.40B	9.00B	2.50B	14.1	8.67	11.6	2.19	1.18	3.12	20.7	6.81	4.25B	27
28	4.60B	7.60B	2.30B	16.3	7.23	5.25	4.97	1.13	2.13	22.5	6.00	4.08B	28
29	3.90B		2.20B	16.0	5.47	3.48	3.40	1.06	1.86	25.4	5.58	4.00B	29
30	3.55B		3.00B	22.3	4.33	2.83	2.78	1.02	1.75	11.3	5.32	3.90B	30
31	3.39B		20.7		4.11		3.44	0.976		7.27		3.80B	31
TOTAL	279.67	290.53	188.35	368.56	282.41	141.07	130.68	78.666	60.272	215.87	355.14	457.17	TOTAL
MEAN	9.02	10.4	6.08	12.3	9.11	4.70	4.22	2.54	2.01	6.96	11.8	14.7	MEAN
MAX	31.1	42.7	35.7	33.6	28.6	15.6	16.0	9.62	10.4	25.4	53.5	58.0	MAX
MIN	3.39	3.30	2.20	3.16	2.88	2.06	1.74	0.976	0.691	1.57	3.97	3.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.80
MAXIMUM DAILY, 58.0 ON DEC 4
MINIMUM DAILY, 0.691 ON SEP 15
MAXIMUM INSTANTANEOUS,
66.9 AT 11:33 AST ON DEC 4

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 43 15 N
LONG 61 17 10 W
DRAINAGE AREA, 193 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	24 200	JUL	11 300
FEB	25 100	AUG	6 800
MAR	16 300	SEP	5 210
APR	31 800	OCT	18 700
MAY	24 400	NOV	30 700
JUN	12 200	DEC	39 500

TOTAL DISCHARGE, 246 000 dam³

RIVER JOHN AT WELSFORD - STATION NO. 01DD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.0 B	2.95B	6.54	19.8	13.3	6.17	2.25	0.678	0.267	0.562	6.05	4.03	1
2	12.5 B	2.70B	7.07	16.6	11.1	4.59	2.10	0.580	0.244	0.508	6.28	4.04	2
3	10.7 B	10.0 B	5.38B	29.4	11.7	3.56	1.85	0.457	0.234	0.485	4.99	25.1	3
4	9.00B	35.0 B	4.94B	25.0	16.1	3.21	1.71	0.434	0.251	0.492	4.11	40.6	4
5	7.80B	27.0 B	4.70	28.1	16.3	3.04	1.54	0.400	0.239	0.451	3.65	16.6	5
6	6.80B	23.0 B	4.37	26.8	15.0	2.73	3.97	0.422	0.248	0.377	3.44	30.6	6
7	6.00B	19.5 B	5.14	17.9	13.7	2.58	3.99	0.814	0.278	0.623	25.1	23.0	7
8	20.0 B	17.0 B	5.06	11.9	13.6	2.84	2.60	0.863	0.255	2.82	13.9	18.5	8
9	16.0 B	21.0 B	4.19	9.64	12.9	2.95	1.79	0.631	0.272	2.04	8.72	13.5	9
10	13.5 B	19.0 B	3.90	9.53	11.4	13.2	1.36	0.575	0.272	4.94	6.12	29.3	10
11	15.5 B	17.5 B	3.57	7.22A	10.6	23.5	1.15	0.489	0.266	4.45	4.98	27.3	11
12	12.5 B	62.0 B	3.46	6.76E	9.62	11.8	0.979	0.412	0.253	2.89	6.67	17.7	12
13	9.80B	51.7	3.36	5.93A	8.30	7.89	0.921	0.392	0.239	2.09	4.92	11.7	13
14	8.44B	19.1 B	3.41	5.18	6.59	6.17	1.32	0.412	0.211	1.69	4.15	8.85	14
15	7.10B	11.8 B	4.41	6.06	5.91	4.72	2.44	0.384	0.201	1.42	3.75	7.89	15
16	6.40B	9.52B	3.78	4.97	5.58	4.24	4.13	0.337	0.203	1.23	3.69	56.0	16
17	5.60B	9.11B	36.5	4.44	5.78	4.90	2.14	0.702	0.274	1.60	5.43	30.2	17
18	5.10B	8.98B	33.1	4.65	6.88	4.79	1.45	1.21	0.321	2.29	10.8	15.5	18
19	4.60B	9.48	14.8	8.24	6.73	4.38	1.17	0.930	0.269	2.23	22.3	11.2	19
20	4.30B	10.4	9.54	6.61	6.38	3.89	1.07	0.687	0.579	13.0	17.4	8.92	20
21	3.95B	13.3	7.20	5.55	5.72	3.75	0.993	0.538	0.548	5.25	66.5	6.66	21
22	3.70B	13.3	6.39	5.14	5.39	5.05	1.46	0.467	0.353	3.74	35.7	6.80	22
23	3.45B	10.3 B	6.01	8.95	6.73	6.44	1.08	0.427	1.05	2.87	18.1	8.38	23
24	3.27B	9.38B	5.55	13.8	28.3	4.68	0.856	0.455	1.32	2.70	11.5	6.83	24
25	3.08B	9.87	5.32	14.1	20.5	3.49	0.772	0.403	2.03	3.03	8.51	5.90	25
26	2.94B	9.98	4.48	14.5	11.2	4.11	0.671	0.378	1.70	2.58	7.03	4.80	26
27	2.80B	12.2	4.76	13.2	9.18	4.69	0.631	0.372	1.00	17.4	6.10	4.08	27
28	3.40B	11.3	4.89	13.4	6.76	3.69	1.22	0.357	0.799	27.8	5.39	3.75B	28
29	4.00B		4.58	12.6	5.01	3.08	0.833	0.303	0.740	26.1	5.04	3.55B	29
30	3.60B		6.40	15.3	4.50	2.85	0.767	0.307	0.636	12.1	4.57	3.35B	30
31	3.30B		24.7		4.78		0.791	0.274		7.84		3.10B	31
TOTAL	234.13	476.37	249.54	370.78	315.54	162.98	50.004	16.090	15.512	157.598	334.89	457.73	TOTAL
MEAN	7.55	17.0	8.05	12.4	10.2	5.43	1.61	0.519	0.518	5.08	11.2	14.8	MEAN
MAX	20.0	62.0	36.5	29.4	28.3	23.5	4.13	1.21	2.03	27.8	66.5	56.0	MAX
MIN	2.80	2.70	3.36	4.44	4.50	2.58	0.631	0.274	0.201	0.377	3.44	3.10	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.78
MAXIMUM DAILY, 66.5 ON NOV 21
MINIMUM DAILY, 0.201 ON SEP 15
MAXIMUM INSTANTANEOUS,
119 AT 15:52 AST ON NOV 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 43 42 N
LONG 63 03 09 W
DRAINAGE AREA, 249 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	20 200	JUL	4 320
FEB	41 200	AUG	1 390
MAR	21 600	SEP	1 340
APR	32 000	OCT	13 600
MAY	27 300	NOV	28 900
JUN	14 100	DEC	39 500

TOTAL DISCHARGE, 245 000 dam³

ROSEWAY RIVER AT LOWER OHIO - STATION NO. 01EC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.7 B	18.7B	31.2	32.2	15.8	11.5	8.18	19.4	3.37	10.8	34.2	27.7	1
2	9.80B	18.5B	30.0	35.7	15.9	10.3	7.87	18.4	3.11	9.89	32.8	27.3	2
3	9.40B	20.9	28.7	39.6	16.3	9.39	7.35	16.7	2.90	9.71	30.6	35.1	3
4	8.80B	22.6	27.0	41.7	16.5	8.62	6.85	15.0	2.75	9.12	27.6	40.9	4
5	8.20B	28.2	24.7	42.0	16.5	8.23	6.49	13.2	2.61	8.64	24.6	45.4	5
6	7.80B	34.0	22.6	41.5	16.2	7.72	7.03	12.8	2.47	8.19	22.9	51.4	6
7	7.30B	35.3	20.6	40.3	16.2	8.93	7.62	12.9	2.36	8.57	24.4	54.8	7
8	7.00B	35.3	18.7	38.0	15.5	9.55	9.09	13.2	2.16	8.87	24.7	55.0	8
9	9.30B	37.8	17.0	36.2	14.6	11.0	11.2	14.9	2.10	9.12	25.5	53.0	9
10	17.5 B	36.9	15.9	35.2	13.8	15.2	13.1	16.5	2.05	9.93	26.5	50.4	10
11	25.5 B	37.7	15.0	33.5	12.8	16.0	13.1	16.8	2.08	10.7	26.5	47.4	11
12	36.8 B	45.5	13.9	31.7	11.9	17.2	13.0	16.3	2.17	11.3	25.8	44.0	12
13	44.5	53.6	13.1	29.3	12.4	17.6	12.6	15.7	2.08	11.0	24.0	40.8	13
14	44.6	59.3	12.5	26.8	12.5	16.9	12.0	15.3	2.14	10.3	21.7	37.1	14
15	41.2	64.6	12.4	25.6	11.9	15.5	11.3	14.6	2.26	9.53	20.4	36.3	15
16	35.8	68.1	12.1	24.0	11.5	13.9	10.1	14.4	2.52	8.89	20.3	43.4	16
17	33.2	64.1	18.0	22.7	12.0	12.5	9.03	13.9	3.03	8.32	21.5	46.5	17
18	31.8 B	58.7	24.9	21.9	11.5	11.1	8.20	13.0	3.07	7.53	23.0	48.8	18
19	30.0 B	53.6	30.3	20.8	10.6	9.55	7.60	11.8	3.29	8.84	24.5	52.2	19
20	28.1 B	48.7	33.8	19.6	10.3	8.42	6.91	10.5	3.41	11.7	25.4	53.2	20
21	26.7 B	45.4	35.3	18.5	9.70	9.07	6.77	9.57	3.53	13.0	35.1	51.2	21
22	25.3 B	42.5	34.4	16.9	9.24	8.97	7.77	8.64	3.71	15.4	40.1	47.7	22
23	24.2 B	39.5	31.9	15.7	10.5	8.62	9.05	7.84	4.72	16.7	43.4	44.6	23
24	23.2 B	36.9	29.4	15.7	11.6	8.40	11.8	7.01	7.09	18.0	46.4	43.1	24
25	22.3 B	34.5	26.9	16.2	12.4	8.48	14.3	6.36	9.59	18.9	47.7	40.9	25
26	21.3 B	33.1	24.9	16.4	13.8	9.44	15.2	5.70	11.6	19.4	46.4	38.5	26
27	20.6 B	32.6	23.6	16.7	14.6	9.73	16.6	5.22	13.5	20.7	42.8	36.6	27
28	19.9 B	31.8	23.6	16.4	14.6	9.75	17.6	4.80	14.1	24.9	38.9	34.3	28
29	19.4 B		23.2	16.0	14.0	9.39	18.2	4.44	13.2	29.4	34.9	31.1B	29
30	19.2 B		23.1	16.0	13.4	8.78	19.5	3.98	12.2	32.2	31.0	28.4B	30
31	18.9 B		28.6		12.5		19.7	3.67		33.9		26.0B	31
TOTAL	688.30	1 138.4	727.3	802.8	411.04	329.74	345.11	362.53	185.17	433.45	913.6	1 313.1	TOTAL
MEAN	22.2	40.7	23.5	26.8	13.3	11.0	11.1	11.7	4.84	14.0	30.5	42.4	MEAN
MAX	44.6	68.1	35.3	42.0	16.5	17.6	19.7	19.4	14.1	33.9	47.7	55.0	MAX
MIN	7.00	18.5	12.1	15.7	9.24	7.72	6.49	3.67	2.05	7.53	20.3	26.0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.9
MAXIMUM DAILY, 68.1 ON FEB 16
MINIMUM DAILY, 2.05 ON SEP 10
MAXIMUM INSTANTANEOUS,
68.8 AT 01:16 AST ON FEB 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 50 18 N
LONG 65 22 12 W
DRAINAGE AREA, 495 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	59 500	JUL	29 800
FEB	98 400	AUG	31 300
MAR	62 800	SEP	12 500
APR	69 400	OCT	37 500
MAY	35 500	NOV	78 900
JUN	28 500	DEC	113 000

TOTAL DISCHARGE, 657 000 dam³

ROUND LAKE BROOK AT ROUND LAKE - STATION NO. 01EE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	2.81	1.55	1
2	---	---	---	---	---	---	---	---	---	---	2.39	1.57	2
3	---	---	---	---	---	---	---	---	---	---	2.04	2.93	3
4	---	---	---	---	---	---	---	---	---	---	1.78	5.22	4
5	---	---	---	---	---	---	---	---	---	---	1.52	6.13	5
6	---	---	---	---	---	---	---	---	---	---	1.35	6.15	6
7	---	---	---	---	---	---	---	---	---	---	1.58	6.01	7
8	---	---	---	---	---	---	---	---	---	---	1.94	5.47	8
9	---	---	---	---	---	---	---	---	---	---	2.09	4.73	9
10	---	---	---	---	---	---	---	---	---	---	1.88	4.07	10
11	---	---	---	---	---	---	---	---	---	---	1.75	3.51	11
12	---	---	---	---	---	---	---	---	---	---	1.65	3.05	12
13	---	---	---	---	---	---	---	---	---	---	1.47	2.64	13
14	---	---	---	---	---	---	---	---	---	---	1.31	2.23	14
15	---	---	---	---	---	---	---	---	---	---	1.22	2.10	15
16	---	---	---	---	---	---	---	---	---	---	1.30	3.14	16
17	---	---	---	---	---	---	---	---	---	---	1.97	5.09	17
18	---	---	---	---	---	---	---	---	---	---	3.19	5.35	18
19	---	---	---	---	---	---	---	---	---	---	4.93	4.89	19
20	---	---	---	---	---	---	---	---	---	---	5.42	4.09	20
21	---	---	---	---	---	---	---	---	---	---	7.68	3.22	21
22	---	---	---	---	---	---	---	---	---	---	10.4	2.75	22
23	---	---	---	---	---	---	---	---	---	---	8.85	2.53	23
24	---	---	---	---	---	---	---	---	---	---	6.71	2.33	24
25	---	---	---	---	---	---	---	---	---	---	5.05	2.08	25
26	---	---	---	---	---	---	---	---	---	---	3.76	1.83	26
27	---	---	---	---	---	---	---	---	---	---	3.01	1.65	27
28	---	---	---	---	---	---	---	---	---	---	2.53	1.54	28
29	---		---	---	---	---	---	---	---	---	2.15	1.47	29
30	---		---	---	---	---	---	---	---	4.01A	1.81	1.45A	30
31	---		---		---		---	---		3.36		1.41E	31
TOTAL	---	---	---	---	---	---	---	---	---	---	95.54	102.18	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	3.18	3.30	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	10.4	6.15	MAX
MIN	---	---	---	---	---	---	---	---	---	---	1.22	1.41	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 29 38 N
LONG 64 58 25 W
DRAINAGE AREA, 108 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	8 250
JUN	---	DEC	8 830

SACKVILLE RIVER AT BEDFORD - STATION NO. 01EJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.00B	1.90B	6.66	7.23	3.81	4.24	2.47	2.10	0.294	1.78	6.20E	3.50	1
2	7.00B	2.10B	6.30	7.56	4.11	3.54	2.15	1.80	0.301	1.60	5.20E	5.20	2
3	6.00B	15.3	5.64	8.34	6.28	2.97	1.80	1.52	0.267	1.68	4.40E	19.9	3
4	5.40B	10.7	4.96	7.77	6.68	2.62	1.52	1.29	0.236	1.56	3.90E	26.8	4
5	5.00B	9.40B	4.31	7.24	6.91	2.62	1.92	1.10	0.223	1.36	3.40A	27.5	5
6	4.60B	8.80B	3.79	7.92	6.91	2.19	2.66	1.11	0.194	1.20	3.68	30.3	6
7	4.20B	7.80B	3.41	7.60	7.48	2.00	2.00	1.95	0.179	5.99	16.2	22.7	7
8	13.4	7.00B	3.09	6.69	6.56	1.94	1.81	1.53	0.169	4.77	11.7	18.5	8
9	8.62	15.1	2.82	5.90	5.70	4.58	1.66	1.53	0.203	4.25	13.3	14.6	9
10	8.39	11.9	2.62	5.35	5.00	6.23	1.48	1.51	0.218	4.42	12.0	13.8	10
11	15.3	11.6	2.49	4.52	4.31	5.11	1.29	1.41	0.172	4.18	9.86	11.8	11
12	13.8	33.5	2.33	4.00	3.73	5.21	1.09	1.30	0.170	3.71	8.33	10.1	12
13	10.7 B	33.9	2.20	3.47	4.36	4.81	0.970	1.43	0.173	3.16	6.53	8.59	13
14	8.50B	29.2	2.62	3.05	3.90	4.22	1.61	1.43	0.157	2.71	5.33	7.13	14
15	7.10B	19.6	3.93	3.21	3.46	3.59	1.87	1.17	0.235	2.34	4.82	9.81	15
16	5.80B	12.8 B	3.58	2.66	3.16	3.69	1.72	2.19	0.306	2.11	5.61	27.1	16
17	5.20B	10.2	17.9	2.44	5.44	4.74	1.82	3.54	0.532	2.64	13.5	25.9	17
18	4.60B	8.41	18.7	2.57	5.69	4.02	1.87	2.20	0.406	2.18	13.7	24.1	18
19	3.90B	7.14	21.8	2.72	6.28	3.80	1.77	1.82	0.448	3.16	17.2	17.8	19
20	3.50B	6.30	16.3	2.53	6.22	3.35	1.58	1.57	0.568	4.89	15.9	12.9	20
21	3.20B	5.83	12.4	2.71	5.49	7.06	14.1	1.38	0.429	4.21	38.9	9.83	21
22	2.80B	5.53	9.58	2.60	4.64	5.32	17.3	1.26	0.400	4.38	41.9	7.99	22
23	2.70B	5.28	7.82	2.24	12.6	5.93	12.7	1.11	3.10	4.25	30.9	6.89	23
24	2.45B	5.04	6.35	2.78	19.2	5.34	11.4	0.972	3.03	3.98	19.3	6.30	24
25	2.30B	4.85	5.29	3.28	18.4	4.92	8.89	0.795	3.29	3.52	13.3	5.42	25
26	2.15	5.69	4.46	3.00	16.9	5.91	6.81	0.684	3.00	3.20E	10.1	4.66	26
27	2.66	6.60	4.00	2.93	12.9	4.99	5.55	0.595	2.93	8.00E	7.83	4.07	27
28	2.50B	6.71	3.80	2.78	9.65	4.07	4.97	0.519	2.76	10.0 E	6.25	3.83	28
29	2.30B		3.42	3.36	7.33	3.37	3.63	0.431	2.44	15.0 E	5.09	4.77	29
30	2.20B		3.25	4.56	6.00	2.80	3.08	0.377	2.08	10.7 E	4.18	5.43	30
31	2.00B		8.08		4.92		2.60	0.323		7.90E		4.60B	31
TOTAL	176.27	308.18	203.90	133.01	224.02	125.18	126.090	41.946	28.910	134.83	358.51	401.82	TOTAL
MEAN	5.69	11.0	6.58	4.43	7.23	4.17	4.07	1.35	0.964	4.35	12.0	13.0	MEAN
MAX	15.3	33.9	21.8	8.34	19.2	7.06	17.3	3.54	3.29	15.0	41.9	30.3	MAX
MIN	2.00	1.90	2.20	2.24	3.16	1.94	0.970	0.323	0.157	1.20	3.40	3.50	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.20
MAXIMUM DAILY, 41.9 ON NOV 22
MINIMUM DAILY, 0.157 ON SEP 14
MAXIMUM INSTANTANEOUS,
61.8 AT 10:39 AST ON FEB 12

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 43 53 N
LONG 63 39 45 W
DRAINAGE AREA, 146 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 200	JUL	10 900
FEB	26 600	AUG	3 620
MAR	17 600	SEP	2 500
APR	11 500	OCT	11 600
MAY	19 400	NOV	31 000
JUN	10 800	DEC	34 700

TOTAL DISCHARGE, 195 000 dam³

SALMON RIVER AT SALMON RIVER BRIDGE - STATION NO. 01FJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	27.0 E	2.25B	16.5	38.0	11.9	4.67	2.17	4.53	0.575	5.35	7.29	4.12	1
2	11.5 E	2.10B	8.60B	20.7	14.1	3.57	1.56	3.57	0.484	3.95	5.60	3.34	2
3	9.60E	3.30B	6.10B	20.6	18.7	2.92	1.28	2.82	0.387	5.05	4.82	13.3	3
4	8.40E	13.2 B	5.60B	16.6	23.1	2.42	1.15	2.36	0.323	8.01	4.45	63.3	4
5	7.60E	16.0 B	5.55B	11.6	28.3	2.11	0.974	2.02	0.218	6.04	3.95	68.4	5
6	6.80E	10.0 B	6.27	9.03	16.8	1.61	2.83	1.68	0.161	4.07	3.27	45.3	6
7	6.20E	6.10B	9.74	8.81	12.2	1.35	5.74	2.37	0.162	3.33	8.26	52.6	7
8	5.70E	5.20B	10.1	7.48	9.83	1.21	4.22	5.48	0.220	19.6	19.2	29.2	8
9	18.5 E	8.00B	7.32	5.62	6.96	1.12	3.13	5.20	0.216	19.7	12.2	14.7	9
10	14.8 E	20.0 B	5.69	4.65	5.35	9.05	2.69	3.96	0.365	18.6	7.60	11.0	10
11	65.0 E	20.8 B	4.62	4.28	4.62	11.4	2.94	3.17	0.698	15.0	5.65	9.73	11
12	21.0 E	19.5 B	3.75	3.74	3.93	6.85	2.62	2.52	0.666	9.55	5.45	8.65	12
13	13.8 E	47.9	3.36	3.30	3.09	4.46	2.06	2.15	0.444	6.49	5.23	6.79	13
14	19.0 E	36.4	3.07	2.92	3.20	3.15	5.57	2.12	0.421	4.69	4.08	5.46	14
15	10.0 A	17.5	5.55	3.15	3.21	2.32	13.6	1.92	0.366	3.51	3.41	4.62	15
16	6.60B	6.40B	6.34	3.79	2.62	1.77	10.8	1.59	0.305	2.94	3.35	29.8	16
17	5.60B	5.30B	8.33	2.96	3.05	1.83	6.85	24.8	1.15	19.6	4.42	45.7	17
18	4.60B	4.75B	24.7	3.10	7.64	7.82	4.43	105	2.06	30.6	9.88	21.8	18
19	3.90B	4.30B	16.9	7.09	5.79	5.79	3.13	47.4	1.72	15.7	21.2	11.4	19
20	3.50B	3.90B	9.63	17.1	4.26	3.66	2.58	16.0	4.78	9.66	16.4	8.37	20
21	3.20B	3.60B	7.45	14.8	3.26	3.73	2.86	8.62	4.82	7.59	26.3	6.22	21
22	2.90B	3.35B	6.52	11.8	2.44	12.1	11.0	5.65	3.04	5.55	86.0	4.59	22
23	2.65B	3.10B	5.43	10.3	17.1	10.2	12.8	4.07	3.16	4.31	39.5	5.50B	23
24	2.50B	3.00B	4.52	13.4	107	8.60	8.04	3.14	10.4	3.79	15.9	4.45B	24
25	2.30B	2.85B	3.82	12.3	67.6	5.67	5.27	2.47	14.3	4.44	9.53	3.50B	25
26	2.20B	4.70B	3.54	11.7	22.7	4.41	3.64	1.88	10.8	4.16	9.11	3.20B	26
27	2.15B	11.9	3.55	8.81	13.4	5.39	2.67	1.40	6.29	15.5	10.7	3.00B	27
28	4.53	19.8	3.72	6.54	15.7	4.60	4.31	1.16	4.14	25.3	8.41	2.87B	28
29	5.17		3.74	5.11	10.7	3.44	4.97	0.971	5.70	34.0	6.50	2.77B	29
30	2.65B		3.61	8.46	6.96	2.64	3.93	0.768	7.23	21.9	5.15	2.69B	30
31	2.35B		18.0		5.63		4.67	0.675		10.9		3.00B	31
TOTAL	301.70	305.20	231.62	297.74	461.14	139.86	144.484	271.464	85.601	348.88	372.81	495.37	TOTAL
MEAN	9.73	10.9	7.47	9.92	14.9	4.66	4.66	8.76	2.85	11.3	12.4	16.0	MEAN
MAX	65.0	47.9	24.7	38.0	107	12.1	13.6	105	14.3	34.0	86.0	64.4	MAX
MIN	2.15	2.10	3.07	2.92	2.44	1.12	0.974	0.675	0.161	2.94	3.27	2.69	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.47
MAXIMUM DAILY, 107 ON MAY 24
MINIMUM DAILY, 0.161 ON SEP 6
MAXIMUM INSTANTANEOUS,
130 AT 13:02 AST ON MAY 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 56 03 N
LONG 60 18 10 W
DRAINAGE AREA, 199 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	26 100	JUL	12 500
FEB	26 400	AUG	23 500
MAR	20 000	SEP	7 400
APR	25 700	OCT	30 100
MAY	39 800	NOV	32 200
JUN	12 100	DEC	42 800

TOTAL DISCHARGE, 299 000 dam³

SALMON RIVER AT UNION - STATION NO. 01DH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	19.7 B	1.70B	11.4	31.5	12.9	5.86	2.90	2.55 E	0.778	3.58	16.0	5.90E	1
2	15.5 B	1.65B	9.90	22.3	10.7	4.77	2.34A	2.15 E	0.760	3.29	15.7	7.00E	2
3	12.7 B	10.0 B	8.64	33.2	12.1	4.06	2.17E	1.85 E	0.703	3.49	13.4	46.0 E	3
4	10.8 B	35.0 B	7.76	27.0	14.6	3.73	2.11E	1.65 E	0.655	3.71	11.4	68.0 A	4
5	9.30B	30.0 B	7.19	36.4	11.6	3.66	2.08A	1.48 E	0.615	3.33	10.2	30.9	5
6	8.10B	26.5 B	6.78	46.6	9.49	3.30	6.68	2.78 E	0.609	2.98	9.78	40.9	6
7	7.00B	23.0 B	6.80	35.0	9.50	3.40	5.82	2.38 E	0.715	5.99	45.7	37.3	7
8	9.50B	20.0 B	6.68	20.8	9.29	3.98	8.99	2.00 E	0.763	13.3	30.4	29.0	8
9	13.5 B	24.0 B	6.10	16.5	7.45	4.51	5.86	1.70 E	0.752	9.67	19.8	23.3	9
10	18.0 B	22.0 B	5.34	16.1	6.67	18.6	3.81	1.43 A	0.820	12.6	15.7	30.0	10
11	31.0 B	20.0 B	5.19	13.1	6.00	15.2	3.32	1.29	0.830	15.1	13.5	28.5	11
12	11.0 B	60.0 B	4.96	11.4	5.59	8.53	3.71	1.19	0.754	10.7	13.8	25.9	12
13	6.50B	40.0 B	4.53	9.62	5.62	6.24A	2.84	1.11	0.654	8.58	11.5	20.0	13
14	4.00B	28.0 B	4.59	7.88	5.91	5.88E	7.16A	1.31	0.632A	7.55	10.0	16.6	14
15	3.00B	20.0 B	5.50	9.68	4.81	5.42E	17.5 E	1.08	1.46 A	6.63	9.76	14.3 A	15
16	2.50B	15.5 B	5.36	7.90A	4.20	5.16E	5.28A	0.894	1.81	6.16	10.7	90.0 E	16
17	2.35B	13.0 B	33.2 A	6.60E	8.12	4.68A	3.26	19.2 E	2.86	8.04	18.0	40.0 E	17
18	2.20B	11.0 B	35.1 A	7.30E	8.53	3.85	2.41A	16.5 E	2.56	9.68	33.3	28.0 E	18
19	2.05B	10.7 B	16.5 A	15.0 E	5.87	2.90	2.20E	7.33 E	2.31	10.3	31.5	21.8 A	19
20	1.90B	10.4	11.3	11.0 E	4.79	2.55	2.10E	3.23	4.81	27.7	27.9	18.6	20
21	1.80B	10.7	9.13A	7.25A	4.46	9.44	1.93A	2.31	3.72	15.6	98.5	15.5	21
22	1.75B	11.8	8.03	7.03	4.04	8.79	3.76	1.81	2.76	11.9	39.8 A	14.9	22
23	1.70B	11.1	7.63	9.43	15.8	14.4	2.65A	1.56	14.1 A	10.0	24.0 E	16.0	23
24	1.60B	11.2	7.04	12.1	28.4	8.04	2.36E	1.40	17.0 E	9.69	18.5 E	13.4	24
25	1.80B	11.1	6.21A	11.4	16.4	5.43	2.13E	1.25	12.7 A	9.87	14.7 E	12.0	25
26	2.00B	11.9	5.89	11.1	11.4	9.15	1.90E	1.15	6.62	9.58	12.2 E	11.0	26
27	2.15B	14.8	5.78	10.7	8.72	8.25	4.00E	1.03	5.02	42.7 A	10.3 E	10.4 B	27
28	2.30B	14.4	5.84	9.43	7.51	5.21	11.5 E	0.965	4.21	64.7	8.90E	9.90B	28
29	2.10B		5.44	8.91	6.37	3.79	3.80E	0.952	4.02	49.5	7.70E	9.40B	29
30	1.90B		5.69	18.0	5.55	3.18	2.95E	0.887	3.65	26.4	6.60E	8.90B	30
31	1.80B		47.0		5.52		3.05E	0.830		19.5		8.50B	31
TOTAL	211.50	519.45	316.50	490.23	277.91	191.96	132.57	87.248	99.650	441.82	609.24	751.90	TOTAL
MEAN	6.82	18.6	10.2	16.3	8.96	6.40	4.28	2.81	3.32	14.3	20.3	24.3	MEAN
MAX	31.0	60.0	47.0	46.6	28.4	18.6	17.5	19.2	17.0	64.7	98.5	90.0	MAX
MIN	1.60	1.65	4.53	6.60	4.04	2.55	1.90	0.830	0.609	2.98	6.60	5.90	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.3
MAXIMUM DAILY, 98.5 ON NOV 21
MINIMUM DAILY, 0.609 ON SEP 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 23 54 N
LONG 63 07 23 W
DRAINAGE AREA, 287 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	18 300	JUL	11 500
FEB	44 900	AUG	7 540
MAR	27 300	SEP	8 610
APR	42 400	OCT	38 200
MAY	24 000	NOV	52 600
JUN	16 600	DEC	65 000

TOTAL DISCHARGE, 357 000 dam³

NOVA SCOTIA

SHARPE BROOK AT LLOYDS - STATION NO. 01DD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.386B	0.121B	0.358	1.83	0.253	0.134	0.034	0.009	0.002	0.031	0.352	0.264	1
2	0.339B	0.116B	0.322	1.40	0.190	0.114	0.031	0.007	0.002	0.029	0.326	0.421	2
3	0.290B	0.320B	0.263	1.90	0.162	0.092	0.026	0.006	0.001	0.080	0.275	1.26	3
4	0.263B	0.802B	0.247	1.48	0.156	0.082	0.022	0.005	0.001	0.088	0.229	0.963	4
5	0.240B	0.605E	0.228	2.05	0.155	0.115	0.026	0.009	0.001	0.058	0.183	0.550	5
6	0.223B	0.485E	0.211	2.13	0.155	0.097	0.066	0.060	0.001	0.040	0.227	1.15	6
7	0.379B	0.399E	0.194	1.34	0.195	0.078	0.071	0.080	0	0.149	0.513	0.854	7
8	0.560B	0.330E	0.185	0.812	0.202	0.068	0.039	0.060	0.001	0.218	0.398	0.616	8
9	0.798B	0.855E	0.180	0.587	0.156	0.090	0.024	0.032	0.001	0.156	0.311	0.517	9
10	0.640B	0.600E	0.164	0.550	0.131	0.212	0.018	0.023	0.001	0.119	0.263	0.869	10
11	0.540B	0.470E	0.152	0.454	0.120	0.233	0.016	0.020	0.001	0.083	0.228	1.06	11
12	0.475B	2.82 A	0.132	0.353	0.113	0.142A	0.013	0.020	0	0.069	0.207	0.759	12
13	0.400B	2.14	0.119	0.307	0.132	0.209E	0.01[illegible]	0.038	0	0.062	0.188	0.526	13
14	0.340B	1.94	0.131	0.266	0.142	0.268E	0.01[illegible]	0.043	0.001	0.057	0.161	0.410	14
15	0.290B	0.756	0.182	0.274	0.114	0.123E	0.016	0.030	0	0.054	0.168	0.420	15
16	0.250B	0.482	0.152	0.250	0.100	0.111E	0.035	0.022	0.003	0.048	0.276	1.82	16
17	0.218B	0.335	0.944	0.211	0.181	0.142E	0.023	0.016	0.004	0.044	1.28	1.17	17
18	0.192B	0.331	1.01	0.215	0.177	0.151E	0.018	0.013	0.003	0.031	1.90	0.641	18
19	0.172B	0.337	0.542	0.243	0.130	0.076E	0.014	0.012	0.003	0.193	1.82	0.492	19
20	0.157B	0.398	0.413	0.226	0.110	0.051E	0.013	0.012	0.005	0.496	0.978	0.413	20
21	0.142B	0.539	0.312	0.209	0.088	0.161E	0.017	0.010	0.004	0.281	3.23	0.349	21
22	0.128B	0.601	0.274	0.186	0 076	0.143E	0.035	0.008	0.003	0.182	1.79	0.324	22
23	0.118B	0.456	0.242	0.178	0.331	0.230E	0.025	0.005	0.273	0.148	1.00	0.335	23
24	0.109B	0.417	0.229	0.202	1.01	0.098E	0.015	0.005	0.239	0.313	0.682	0.311	24
25	0.100B	0.394	0.214	0.261	0.787	0.071A	0.013	0.004	0.235	0.357	0.547	0.271	25
26	0.093B	0.450	0.218	0.239	0.411	0.135	0.010	0.003	0.144	0.271	0.467	0.240	26
27	0.116B	0.541	0.224	0.190	0.301	0.104	0.008	0.003	0.080	0.825	0.392	0.207	27
28	0.147B	0.417	0.239	0.152	0.242	0.068	0.008	0.003	0.059	1.14	0.333	0.197	28
29	0.140B		0.257	0.167	0.216	0.047	0.009	0.003	0.048	1.07	0.332	0.182	29
30	0.133B		0.482	0.284	0.177	0.037	0.009	0.002	0.040	0.588	0.311	0.190	30
31	0.127B		2.85		0.141		0.010	0.002		0.426		0.175	31
TOTAL	8.505	18.457	11.670	18.946	6.814	3.682	0.727	0.565	1.156	7.706	19.367	17.956	TOTAL
MEAN	0.274	0.659	0.376	0.632	0.220	0.123	0.023	0.018	0.039	0.249	0.646	0.579	MEAN
MAX	0.798	2.82	2.85	2.13	1.01	0.268	0.071	0.080	0.273	1.14	3.23	1.82	MAX
MIN	0.093	0.116	0.119	0.152	0.076	0.037	0.008	0.002	0	0.029	0.161	0.175	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.317
MAXIMUM DAILY, 3.23 ON NOV 21
MINIMUM DAILY, 0 ON SEP 7
MAXIMUM INSTANTANEOUS,
4.54 AT 08:12 AST ON NOV 21

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 01 30 N
LONG 64 38 14 W
DRAINAGE AREA, 8.81 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	735	JUL	62.8
FEB	1 590	AUG	48.8
MAR	1 010	SEP	99.9
APR	1 640	OCT	666
MAY	589	NOV	1 670
JUN	318	DEC	1 550

TOTAL DISCHARGE, 9 980 dam³

SHUBENACADIE RIVER AT ENFIELD - STATION NO. 01DG006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.5	8.30B	21.2	22.8	6.27	21.3 E	12.4	6.17E	4.55E	5.22	29.4	31.7	1
2	19.6	8.00	20.3	21.0 E	6.50	17.2	12.1 E	5.88	4.35E	4.53	24.1	30.2	2
3	19.0	20.5	19.5	19.2 E	6.08E	15.9	11.8	5.84E	4.10E	5.00	23.1E	27.0	3
4	19.0	20.4	17.6	17.4	4.87	14.6	11.0 E	5.74E	3.90E	4.92	22.2	53.2	4
5	18.9	21.0 E	16.9 E	17.1	5.31	13.7	10.3 E	5.74E	3.70E	4.45	20.7	46.6	5
6	18.2	22.1 E	16.2	17.4 E	5.84	12.0	9.66	5.69E	3.33E	4.53	32.0	48.5E	6
7	18.0	18.7	15.3 E	17.9	6.46E	10.4 E	9.15	5.64E	3.07	12.7	37.3	49.4	7
8	29.3	18.1	14.4	16.6	13.9	9.20	8.32E	8.45E	2.91	12.5	32.5	45.4	8
9	30.1	20.6 E	13.4	15.9	13.6 E	14.6 E	7.26	8.84	2.82	13.4 E	29.4	43.8	9
10	25.2	22.7 E	10.1	14.9 E	13.4 E	17.9 E	6.68	8.19	2.70	12.6 E	29.4	45.3	10
11	27.9 E	23.2	11.6	14.2	13.1 E	14.1	6.27	7.38	2.47	11.9	28.7	43.4	11
12	30.6	48.6	10.7	13.6	12.9 E	13.6	5.69	6.94	2.31	11.6	28.3	41.1	12
13	31.5	42.5	10.2	12.2	12.6	13.1	5.22	6.94	2.09	10.8	26.9	38.9	13
14	30.3	41.5	10.7	11.5	12.0	12.3	5.69	6.22	2.04	10.3 E	27.2E	35.1	14
15	27.5 B	40.8	10.5	11.2	11.4 E	11.7	6.36	5.64	1.75	9.90	27.8	34.5	15
16	25.5 E	38.3	10.2	10.2 E	10.5 E	11.1	5.69	5.41E	3.50E	9.15	28.7	50.8	16
17	23.0 B	36.6	9.55	9.20E	15.2	11.1	5.59E	6.46E	5.00E	10.6	30.4	52.1	17
18	21.0 B	34.6 E	22.4	7.87	13.6	10.8	5.50E	15.5	4.00E	11.9	32.1	49.2E	18
19	19.2 B	32.6 E	26.5	7.87	12.9 E	10.4	5.45	14.4	3.40E	13.6 E	34.7	46.2E	19
20	17.7 B	30.5	26.1 E	8.39	12.0	10.1 E	5.36	13.9	4.20E	14.9	34.7	43.2	20
21	16.2 B	28.7	25.7 E	7.74	11.5	10.8 E	5.22E	12.9	3.40E	13.4 E	55.4	39.0	21
22	15.0 B	27.1 E	25.4 E	6.27	10.5 E	11.4 E	17.0	11.8	3.30E	13.1	60.3	36.4	22
23	13.9 B	25.3	24.9	5.79	21.6	12.3 E	15.9 E	8.19	6.88	12.8	51.2	34.3	23
24	12.8 B	23.4	23.5	6.32E	24.9 E	12.7	14.9 E	7.50E	5.93	14.7	48.4E	33.9	24
25	12.0 B	22.1	21.8	6.62	31.6 E	12.6	13.9 E	6.46E	7.14	13.2	45.4	33.7	25
26	11.2 B	21.9	20.1	6.41	30.7	14.7	12.9 E	5.84E	10.1 E	12.7	43.0	32.0E	26
27	10.6 B	22.9	18.7	6.03	29.0	13.6 E	11.4 E	5.59E	7.56	21.9	40.4	30.3E	27
28	10.0 B	21.9	17.9	5.79	26.1	12.6 E	10.2 E	5.31E	5.45	26.7 E	37.4	27.0	28
29	9.50B		16.2	6.62	25.1	11.4 E	9.10E	5.13E	5.50	34.4	35.4	24.9	29
30	9.10B		15.4	7.20E	23.8 E	9.96	7.80E	5.00E	5.36E	26.8	32.7	22.9	30
31	8.60B		18.9		22.5		6.55E	4.80E		30.5		21.0	31
TOTAL	601.90	742.90	541.85	351.22	465.73	387.16	280.36	233.49	126.81	414.70	1 029.2	1 191.0	TOTAL
MEAN	19.4	26.5	17.5	11.7	15.0	12.9	9.04	7.53	4.23	13.4	34.3	38.4	MEAN
MAX	31.5	48.6	26.5	22.8	31.6	21.3	17.0	15.5	10.1	34.4	60.3	53.2	MAX
MIN	8.60	8.00	9.55	5.79	4.87	9.20	5.22	4.80	1.75	4.45	20.7	21.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.4
MAXIMUM DAILY, 60.3 ON NOV 22
MINIMUM DAILY, 1.75 ON SEP 15
MAXIMUM INSTANTANEOUS,
60.3 ON NOV 22

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 44 55 55 N
LONG 63 32 04 W
DRAINAGE AREA, 389 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	52 000	JUL	24 200
FEB	64 200	AUG	20 200
MAR	46 800	SEP	11 000
APR	30 300	OCT	35 800
MAY	40 200	NOV	88 900
JUN	33 500	DEC	103 000

TOTAL DISCHARGE, 550 000 dam³

SOUTH RIVER AT ST. ANDREWS - STATION NO. 01DR001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.0 B	2.53B	6.38	11.7	6.26	3.59	1.19	1.04	0.827	0.930	6.60E	3.48	1
2	13.8 B	2.51B	5.29	11.3	5.79	3.09	1.07	0.906	0.802	0.842	5.30E	3.45	2
3	12.3 B	15.0 B	4.43	16.0	7.52	2.53	1.04	0.880	0.765	0.846	4.50E	15.9	3
4	10.7 B	14.5 B	3.92	10.7	12.8	2.23	0.981	0.762	0.711	0.866	3.95E	47.8	4
5	9.90B	11.8 B	3.40B	8.64	10.2	2.00	0.956	0.777	0.676	0.807	3.57E	22.8	5
6	8.80B	10.3 B	3.15B	7.90	7.79	1.75	1.51	0.796	0.651	0.767	3.50E	35.8	6
7	8.10B	9.20B	2.95B	6.97	6.55	1.67	1.46	3.17	0.673	1.11	14.0 E	27.0	7
8	12.8 B	8.50B	2.75B	5.29	5.96	1.52	1.14	2.72	0.605	3.01	13.7 E	23.7	8
9	12.4 B	8.05B	2.60B	3.60	4.78	1.46	1.10	2.00	0.572	3.91	8.20E	18.1	9
10	8.60B	7.70B	2.48B	3.51	3.95	5.28	1.47	1.67	0.628	7.19	5.30E	22.1	10
11	15.0 B	7.45B	2.37B	3.40A	3.54	4.79	1.22	1.49	0.693	7.17	4.20E	15.6	11
12	14.5 B	19.0 B	2.27B	3.18E	3.24	3.80	1.03	1.31	0.596	6.33	3.75E	11.5	12
13	9.00B	20.5 B	2.17B	2.92E	3.08	3.01	0.952	1.20	0.547	4.87	3.37E	8.81	13
14	6.30B	15.5	2.10B	2.75E	3.20	2.43	1.36	1.19	0.493	3.71	3.15E	7.04	14
15	4.90B	8.69	2.08B	2.62E	2.76	2.00	1.51	1.12	0.462	3.09	2.92E	6.55	15
16	4.10B	6.78	2.70B	2.57E	2.39	1.79	1.32	1.87	0.528	2.71	2.87E	29.7	16
17	3.75B	5.11	18.5	2.52E	5.13	1.71	1.14	12.6	0.788	4.55	4.40A	21.0 A	17
18	3.55B	4.70	18.5	2.50E	6.53	1.53	0.970	7.50	0.737	4.06	5.48	12.0 E	18
19	3.35B	4.44	9.72	5.10E	4.52	1.34	0.893	4.83	0.624	3.41	9.80	9.00E	19
20	3.16B	4.18	6.85	4.60E	3.64	1.19	2.74	3.44	0.700	4.64	7.90	7.20E	20
21	3.05B	4.10	5.81	4.00A	3.10	2.04	2.45	2.67	0.591	3.77	21.5	6.00E	21
22	2.97B	4.23	4.98	3.64	2.72	2.74	5.59	2.15	0.583	3.23	23.1	5.10E	22
23	2.91B	4.21	4.38	7.39	29.3	2.01	3.21	1.91	0.785	2.76	13.3	4.60E	23
24	2.84B	4.28	3.99	8.72	32.4	1.53	2.29	1.68	2.05	3.22	8.97	4.25E	24
25	2.79B	4.32	3.58	9.64	19.5	1.32	1.78	1.46	3.30	3.33	6.77	4.00E	25
26	2.75B	5.40	3.17	9.03	12.0	1.66	1.49	1.35	2.29	3.95	5.70	3.70E	26
27	2.70B	10.3	3.11	8.79	8.94	2.11	1.34	1.19	1.65	22.1	5.12	3.55E	27
28	2.67B	9.53	3.11	8.47	6.59	1.59	1.35	1.09	1.37	21.2	4.56	3.40E	28
29	2.63B		2.76	6.71	5.15	1.41	1.23	1.04	1.19	16.8	4.27	3.70E	29
30	2.60B		2.70	6.74	4.23	1.30	1.15	0.958	1.09	11.0 E	3.98	4.20E	30
31	2.57B		14.8		3.85		1.14	0.935		8.30 E		4.80E	31
TOTAL	212.49	232.81	157.00	190.90	237.41	66.42	48.072	67.704	27.977	164.478	213.73	395.93	TOTAL
MEAN	6.85	8.31	5.06	6.36	7.66	2.21	1.55	2.18	0.933	5.31	7.12	12.8	MEAN
MAX	17.0	20.5	18.5	16.0	32.4	5.28	5.59	12.6	3.30	22.1	23.1	47.8	MAX
MIN	2.57	2.51	2.08	2.50	2.39	1.19	0.893	0.762	0.462	0.767	2.87	3.40	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.52
MAXIMUM DAILY, 47.8 ON DEC 4
MINIMUM DAILY, 0.462 ON SEP 15
MAXIMUM INSTANTANEOUS,
65.0 AT 05:56 AST ON DEC 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 33 35 N
LONG 61 54 15 W
DRAINAGE AREA, 177 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	18 400	JUL	4 150
FEB	20 100	AUG	5 850
MAR	13 600	SEP	2 420
APR	16 500	OCT	13 200
MAY	20 500	NOV	18 500
JUN	5 740	DEC	34 200

TOTAL DISCHARGE, 178 000 dam³

SOUTHWEST MARGAREE RIVER NEAR UPPER MARGAREE - STATION NO. 01FB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	25.1	15.4B	15.2	17.6	30.5	14.2	7.83	4.88	3.90	6.94	12.1	19.0	1
2	23.8B	15.6	15.0	20.0	31.1	13.7	7.57	4.80	3.87	5.80	12.2	19.5A	2
3	22.4B	19.7	14.7	23.3	31.2	13.4	7.28	4.65	3.80	5.89	12.0	26.1	3
4	21.3B	17.0B	14.5	21.6	33.0	12.8	7.06	4.54	3.68	5.65	11.9	35.2	4
5	20.4B	16.3B	14.4	23.3	32.0	12.3	6.77	4.37	3.50	5.49	11.7	32.7	5
6	20.8B	15.8B	14.1	25.8	31.0	12.1	7.26	4.25	3.55	5.29	12.2	40.1	6
7	22.5B	15.2B	14.1	24.8	29.6	11.6	6.83	4.22	3.45	5.39	26.8	41.7	7
8	26.7B	15.7	13.8	23.2	28.7	11.0	6.50	4.16	3.43	6.45	21.4	38.[illegible]	8
9	23.8B	17.4	13.6	22.6	27.8	10.7	6.19	4.06	3.44	6.21	20.2	36.3	9
10	22.0B	16.3	13.2	22.8	26.5	13.2	6.02	3.93	3.45	6.49	19.2	35.1	10
11	31.3	15.8	12.9	21.7	25.4	12.0	5.77	3.92	3.29	6.55	18.7	34.4	11
12	27.2	21.8	12.7	21.1	24.6	12.2	5.53	3.92	3.21	6.39	18.3	33.0	12
13	26.6	19.4	12.3	20.1	23.5	11.9	5.48	3.85	3.21	6.27	17.8	31.9	13
14	26.4	18.6	12.0	20.2	22.8	11.5	5.93	3.69	3.16	6.29	17.2	30.8	14
15	25.2	18.2	12.1	20.7	22.2	11.1	6.06	3.54	3.02	6.33	16.9	29.9	15
16	24.5	18.1	11.8	19.0	21.5	10.9	5.88	3.84	3.03	6.28	16.5	36.5	16
17	24.0	17.7	19.9	18.8	21.4	10.8	5.47	6.90	3.27	6.68	16.3	35.3	17
18	22.5	17.2	21.3	18.6	20.7	10.3	5.25	5.39	3.15	6.81	16.8	33.1	18
19	23.1	17.0	18.2	20.6	20.1	10.1	5.19	5.19	3.12	7.19	17.9	32.1	19
20	22.3	16.7	17.5	20.1	19.1	9.59	5.19	5.00	3.65	7.60	17.2	31.6	20
21	21.6	16.4	16.3	19.8	18.2	10.7	5.10	4.94	3.19	7.30	22.6	30.1	21
22	20.4B	16.0	16.5	20.2	17.6	10.5	5.64	4.82	2.99	7.07	23.6	29.3	22
23	20.4	15.7	16.3	22.2	16.6	10.3	5.13	4.78	3.33	7.13	22.4	28.4	23
24	19.8	15.5	15.8	22.4	17.7	9.57	4.93	4.62	3.49	7.62	21.9	27.6	24
25	19.2	15.2	15.1	22.2	16.6	9.02	4.79	4.35	3.70	7.03	21.2	26.8	25
26	18.7	15.2	15.1	22.3	16.5	9.64	4.73	4.38	3.39	7.01	19.6	25.6	26
27	18.5	15.8	14.7	22.4	16.2	9.29	4.96	4.39	3.18	8.63	19.6	24.6	27
28	17.8	15.5	14.0	22.8	16.1	8.77	5.88	4.21	3.25	13.6	20.0	23.7	28
29	17.0		14.0	24.3	15.8	8.43	5.06	4.13	3.40	13.6	19.7	23.0	29
30	16.2B		13.5	31.7	15.4	8.17	5.03	4.07	6.28	12.5	19.4	22.[illegible]	30
31	15.7B		18.0		15.0		5.06	3.99		12.0		20.[illegible]	31
TOTAL	688.2	470.2	462.6	656.2	704.4	329.78	181.37	137.83	104.38	229.44	543.3	934.2	TOTAL
MEAN	22.2	16.8	14.9	21.9	22.7	11.0	5.85	4.45	3.48	7.40	18.1	30.1	MEAN
MAX	31.3	21.8	21.3	31.7	33.0	14.2	7.83	6.90	6.28	13.6	26.8	41.7	MAX
MIN	15.7	15.2	11.8	17.6	15.0	8.17	4.73	3.54	2.99	5.29	11.7	19.0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.9
MAXIMUM DAILY, 41.7 ON DEC 7
MINIMUM DAILY, 2.99 ON SEP 22
MAXIMUM INSTANTANEOUS,
51.3 AT 16:54 AST ON DEC 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 13 24 N
LONG 61 08 12 W
DRAINAGE AREA, 357 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	59 500	JUL	15 700
FEB	40 600	AUG	11 900
MAR	40 000	SEP	9 020
APR	56 700	OCT	19 800
MAY	60 900	NOV	46 900
JUN	28 500	DEC	80 700

TOTAL DISCHARGE, 470 000 dam³

NOVA SCOTIA

ST. MARYS RIVER AT STILLWATER - STATION NO. 01EO001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	89.2	17.7B	67.9	132	55.9	37.5	10.5	7.96	5.05	11.4	64.9	34.4	1
2	74.0B	17.0B	56.1	109	51.9	32.6	8.93	6.72	4.38	10.7	54.2	30.8	2
3	62.1B	39.6	45.7	127	53.2	26.3	7.27	5.57	3.93	10.8	46.6	81.9	3
4	52.3B	105	41.0	118	103	21.4	6.44	4.50	3.72	12.3	39.0	319	4
5	42.8B	119 B	35.1	99.4	109	18.7	5.72	3.78	3.40	11.5	33.1	276	5
6	39.5B	98.0B	31.8	93.1	85.4	16.6	9.18	3.51	3.30	10.0	29.5	177	6
7	35.8B	74.7B	31.1	95.7	71.4	14.6	23.2	22.8	3.14	10.0	86.0	194	7
8	44.0B	57.5B	28.0B	80.9	65.5	12.5	19.9	49.9	2.97	34.2	158	170	8
9	56.0B	71.2	26.0B	65.1	54.7	11.6	16.1	37.6	2.85	46.0	107	140	9
10	74.0B	94.0	24.5B	54.8	44.2	32.5	13.1	27.2	3.71	50.2	76.0	137	10
11	90.0B	90.9	24.2	49.3	36.5	58.4	10.3	20.3	3.79	59.4	58.3	137	11
12	135	112 B	22.1	42.9	31.9	53.1	8.44	15.0	3.88	55.3	51.3	110	12
13	130	239 B	21.1	37.0	29.1	39.5	7.25	12.6	3.78	46.3	46.1	90.1	13
14	108	204 B	19.9	31.9	29.4	31.0	9.64	12.6	3.35	36.8	39.4	71.4	14
15	82.9	132 B	22.4	32.0	27.7	24.7	20.3	12.3	2.99	29.7	34.7	61.0	15
16	62.0B	89.0	23.7	34.8	23.6	20.4	23.9	10.5	2.84	25.0	34.9	143	16
17	50.0B	69.4	37.9	31.5	24.3	18.3	19.2	57.7	2.96	26.2	46.4	267	17
18	40.0B	57.8	167	28.3	49.0	17.4	14.2	90.3	4.31	32.0	70.8	172	18
19	34.0B	50.2	129	31.1	45.1	14.8	10.9	64.5	5.76	30.1	103	110	19
20	31.0B	48.7	85.8	34.5	35.3	11.8	8.69	45.2	6.14	31.3	92.1	83.8	20
21	28.0B	45.1	65.6	32.7	29.1	11.6	8.99	32.5	7.24	35.6	113	64.9	21
22	25.0B	43.2	53.5	32.3	24.8	29.7	29.7	24.9	6.72	30.8	274	52.5	22
23	23.0B	42.8	45.6	34.5	75.9	32.3	36.0	18.8	6.66	26.2	195	54.5	23
24	21.5B	43.9	40.3	49.9	243	26.5	25.2	15.3	25.3	25.2	120	54.5	24
25	20.0B	43.5	36.5	55.0	216	19.9	17.4	12.5	40.1	29.9	87.4	47.1	25
26	18.0B	50.7	32.0	55.8	131	16.7	12.2	10.6	37.1	30.4	68.5	39.4	26
27	17.2B	71.7	30.2	52.2	92.8	21.3	9.52	8.76	27.1	84.9	56.8	33.1	27
28	18.2B	81.0	29.0	47.9	70.8	20.8	10.2	7.69	18.8	133	48.9	30.6	28
29	19.7B		27.0	45.8	56.1	16.4	9.49	7.07	15.2	159	43.3	32.4	29
30	20.0B		25.2	51.4	44.7	12.5	8.73	6.29	13.3	123	38.8	39.8	30
31	18.7B		50.4		40.2		8.76	5.68		85.2		37.5	31
TOTAL	1 561.9	2 208.6	1 375.6	1 785.8	2 050.5	721.4	429.35	660.63	273.77	1 342.4	2 317.0	3 291.7	TOTAL
MEAN	50.4	78.9	44.4	59.5	66.1	24.0	13.9	21.3	9.13	43.3	77.2	106	MEAN
MAX	135	239	167	132	243	58.4	36.0	90.3	40.1	159	274	319	MAX
MIN	17.2	17.0	19.9	28.3	23.6	11.6	5.72	3.51	2.84	10.0	29.5	30.6	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 49.4
MAXIMUM DAILY, 319 ON DEC 4
MINIMUM DAILY, 2.84 ON SEP 16
MAXIMUM INSTANTANEOUS,
390 AT 18:44 AST ON DEC 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 10 24 N
LONG 61 58 54 W
DRAINAGE AREA, 1 350 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	135 000	JUL	37 100
FEB	191 000	AUG	57 100
MAR	119 000	SEP	23 700
APR	154 000	OCT	116 000
MAY	177 000	NOV	200 000
JUN	62 300	DEC	284 000

TOTAL DISCHARGE, 1 560 000 dam³

TUSKET RIVER AT WILSON'S BRIDGE - STATION NO. 01EA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	36.3	17.5B	53.1	101	41.7	26.6	27.7	42.4	5.84E	18.2	81.9	39.8A	1
2	35.0B	17.0B	52.6	176	44.9	25.3	24.3	38.8	5.24E	16.6	70.8	41.5A	2
3	33.5B	36.4	50.6	183	46.6	24.0	21.5	34.1	4.74E	16.2	59.7	54.2	3
4	32.0B	45.7	46.9	146	46.9	22.9	19.1	28.8	4.24E	15.9	50.7	78.8	4
5	30.5B	58.6	42.9	117	45.4	21.9	17.9	24.0	3.72E	15.8	43.5	111	5
6	28.8B	71.9	39.0	102	42.9	20.6	21.0	21.5	3.35E	16.3	38.1	129	6
7	27.3B	67.0B	35.3	96.3	40.6	21.2	23.0	19.5	3.14E	18.5	38.9	125	7
8	26.0B	64.4	31.6	97.6	38.3	21.7	25.3	20.4	2.96A	21.4	42.0	113	8
9	50.8	62.7	29.2	97.6	35.8	23.2	29.1	27.4	2.89	24.0	47.4	102	9
10	59.8	65.5	30.8	89.6	33.5	30.1	32.1	34.7	2.90	27.1	51.6	92.8	10
11	68.7	70.3	32.3	77.9	31.5	36.3	31.4	36.1	2.90	28.9	51.8	85.2	11
12	70.9	87.4	31.2	68.1	29.4	42.4	29.8	33.8	2.93	28.5	47.7	77.7	12
13	64.8	122	29.4	60.7	28.2	46.3	27.0	31.0	3.03	26.4	42.2	70.7	13
14	59.6	172	28.7	54.4	26.8	45.0	24.5	28.8	2.98	23.7	36.9	63.6	14
15	52.2	189	28.8	51.3	25.9	40.5	22.4	28.1	2.94	21.2	33.2	58.8	15
16	47.1	155	28.4	48.6	25.1	35.4	20.1	28.0	3.09	18.9	31.6	67.5	16
17	41.6	118	33.3	47.7	25.4	31.3	18.4	27.2	3.64	17.1	31.0	87.6	17
18	38.3	94.2	42.5	47.5	25.2	27.5	17.0	24.8	3.94	15.5	32.7	116	18
19	36.3	79.3	50.6	45.7	24.6	24.2	15.5	22.0	4.07	15.3	35.9	138	19
20	33.0	70.6	56.0	43.1	24.0	21.8	14.2	19.4	4.24	17.2	40.5	131	20
21	30.0	66.0	62.7	40.5	23.1	21.2	14.7	17.2	4.33	19.6	55.3	110	21
22	27.5	64.8	60.1	37.2	22.2	21.2	18.0	15.2	4.42	24.0	73.6	92.2	22
23	25.5B	64.3	55.3	34.3	22.4	21.6	24.1	13.7 A	4.60	28.9	92.1	80.8	23
24	24.5B	63.1	51.7	36.4	23.5	23.9	35.9	12.6 E	5.25	32.6	102	77.0	24
25	23.0B	60.3	48.3	40.4	25.2	27.9	44.2	11.5 E	6.11	35.3	96.7	75.7	25
26	22.3B	57.5	45.8	40.9	27.4	32.7	42.8	10.6 E	7.59	40.6	83.0	74.0	26
27	21.4B	55.1	45.0	41.1	29.3	34.8	39.0	9.53E	11.9	49.0	69.7	69.9	27
28	20.4B	53.5	45.6	40.4	29.5	35.3	39.3	8.64E	17.5	60.9	60.0	64.5	28
29	19.5B		47.2	39.5	29.1	34.4	39.6	7.95E	20.4	73.1	52.8	59.3	29
30	19.0B		50.4	40.6	28.1	31.4	42.7	7.17E	20.1	82.7	46.7	55.8	30
31	18.0B		64.1		27.5		43.5	6.47E		86.9		53.3	31
TOTAL	1 123.6	2 149.1	1 349.4	2 142.4	970.0	872.6	845.1	691.36	174.98	936.3	1 640.0	2 595.7	TOTAL
MEAN	36.2	76.8	43.5	71.4	31.3	29.1	27.3	22.3	5.83	30.2	54.7	83.7	MEAN
MAX	70.9	189	64.1	183	46.9	46.3	44.2	42.4	20.4	86.9	102	138	MAX
MIN	18.0	17.0	28.4	34.3	22.2	20.6	14.2	6.47	2.89	15.3	31.0	39.8	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 42.4
MAXIMUM DAILY, 189 ON FEB 15
MINIMUM DAILY, 2.89 ON SEP 9
MAXIMUM INSTANTANEOUS,
194 AT 02:42 AST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 55 24 N
LONG 65 52 12 W
DRAINAGE AREA, 1 070 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	97 100	JUL	73 000
FEB	186 000	AUG	59 700
MAR	117 000	SEP	15 100
APR	185 000	OCT	80 900
MAY	83 800	NOV	142 000
JUN	75 400	DEC	224 000

TOTAL DISCHARGE, 1 340 000 dam³

WALLACE RIVER AT WENTWORTH CENTRE - STATION NO. 01DN004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	19.4 B	3.75B	10.8	21.1	13.1	8.36	2.91	2.18	0.803	1.40	12.0	7.36	1
2	15.5 B	3.50B	9.51	19.9	11.8	6.67	2.69	1.77	0.759	1.34	11.7	7.90	2
3	13.3 B	10.0 B	8.55	37.5	11.8	5.67	2.48	1.63	0.802	1.53	9.52	69.2	3
4	11.3 B	40.0 B	7.58	33.5	12.0	4.93	2.31	1.59	0.850	1.62	8.11	62.0	4
5	10.0 B	33.0 B	7.01	50.6	10.3	4.60	2.13	1.57	0.901	1.42	7.19	30.2	5
6	8.90B	27.5 B	6.70	58.7	9.58	4.19	5.73	1.54	0.697	1.25	9.75	37.5	6
7	7.90B	23.5 B	6.77	40.9	10.6	4.23	7.59	1.52	0.659	2.55	101	29.8	7
8	24.0 B	20.0 B	6.44	25.8	10.2	3.95	4.73	1.49	0.616	5.77	39.9	21.7	8
9	19.5 B	25.0 B	5.98	22.1	8.30	3.59	4.35	1.46	0.628	5.22	23.1	18.0	9
10	16.0 B	23.0 B	5.51	26.7	7.48	7.31	3.36	1.45	0.658	10.3	16.6	22.4	10
11	20.0 B	21.0 B	5.23	21.3	7.23	8.57	2.97	1.29	0.640	8.27	13.6	28.7	11
12	14.5 B	70.0 B	5.01	18.1	6.34	5.96	2.86	1.16	0.609	6.41	12.1	24.8	12
13	10.5 B	50.0 B	4.75	15.0	6.08	4.99	2.51	1.20	0.617	5.32	9.87	17.8	13
14	8.60B	35.0 B	4.76	12.6	6.59	4.34	3.56	1.27	0.584	4.45	8.82	14.2	14
15	7.33B	24.5 B	6.50	18.7	5.88	3.67	8.58	1.13	0.611	3.92	8.10	13.4	15
16	6.70B	18.0 B	5.78	13.9	5.32	3.44	8.65	1.03	0.600	3.58	7.78	70.2	16
17	6.10B	14.1	18.1	11.7	15.6	3.38	5.31	0.979	0.680	3.42	13.4	50.1	17
18	5.70B	13.5	27.4	11.2	13.6	3.21	3.76	2.20	0.687	3.40	24.7	26.1	18
19	5.30B	11.0 B	15.0	14.2	8.92	2.88	3.24	2.61	0.630	17.7	33.0	19.7	19
20	5.05B	10.5 B	11.0	11.9	7.92	2.44	2.76	1.59	0.873	48.6	24.0	15.9	20
21	4.80B	10.2 B	9.06	10.3	7.16	4.03	3.10	1.26	0.866	19.1	69.1	12.5 B	21
22	4.55B	10.0 B	8.31	9.83	6.79	4.54	4.69	1.16	0.581	12.7	48.7	11.8	22
23	4.35B	9.60B	7.75	11.2	8.05	6.22	3.29	1.10	4.93	9.69	26.8	11.7	23
24	4.15B	9.50B	7.36	13.0	24.7	4.08	2.68	1.04	3.57	10.7	19.0	9.98	24
25	3.98B	9.40B	6.97	11.5	25.0	3.33	2.45	0.975	6.16	11.4	14.9	8.95	25
26	3.83B	12.9	6.49	9.67	16.3	7.78	2.06	0.910	4.38	9.06	12.9	7.48B	26
27	3.70B	14.7	6.77	9.15	13.1	6.04	2.02	0.833	2.69	21.1	11.5	6.90B	27
28	4.05B	13.1	7.03	8.52	10.5	4.33	3.04	0.870	1.98	31.5	10.1	6.60B	28
29	4.40B		6.79	8.82	8.78	3.54	2.41	0.907	1.77	34.9	9.32	6.45B	29
30	4.10B		8.54	19.4	7.85	3.29	2.64	0.883	1.53	19.6	8.31	6.24B	30
31	3.90B		20.1		7.37		2.94	0.832		14.2		6.16B	31
TOTAL	281.39	566.25	273.55	596.79	324.24	143.56	113.80	41.429	42.361	331.42	624.87	681.72	TOTAL
MEAN	9.08	20.2	8.82	19.9	10.5	4.79	3.67	1.34	1.41	10.7	20.8	22.0	MEAN
MAX	24.0	70.0	27.4	58.7	25.0	8.57	8.65	2.61	6.16	48.6	101	70.2	MAX
MIN	3.70	3.50	4.75	8.52	5.32	2.44	2.02	0.832	0.581	1.25	7.19	6.16	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.0
MAXIMUM DAILY, 101 ON NOV 7
MINIMUM DAILY, 0.581 ON SEP 22
MAXIMUM INSTANTANEOUS,
174 AT 09:39 AST ON NOV 7

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 40 42 N
LONG 63 33 35 W
DRAINAGE AREA, 298 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	24 300	JUL	9 830
FEB	48 900	AUG	3 580
MAR	23 600	SEP	3 660
APR	51 600	OCT	28 600
MAY	28 000	NOV	54 000
JUN	12 400	DEC	58 900

TOTAL DISCHARGE, 347 000 dam³

WESTFIELD RIVER NEAR NORTH BROOKFIELD - STATION NO. 01EE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	8.62	4.25	1
2	---	---	---	---	---	---	---	---	---	---	7.56	4.28	2
3	---	---	---	---	---	---	---	---	---	---	6.50	7.19	3
4	---	---	---	---	---	---	---	---	---	---	5.70	10.8	4
5	---	---	---	---	---	---	---	---	---	---	4.73	12.6	5
6	---	---	---	---	---	---	---	---	---	---	4.25	14.3	6
7	---	---	---	---	---	---	---	---	---	---	5.25	14.6	7
8	---	---	---	---	---	---	---	---	---	---	5.73	14.4	8
9	---	---	---	---	---	---	---	---	---	---	5.83	13.3	9
10	---	---	---	---	---	---	---	---	---	---	5.43	11.7	10
11	---	---	---	---	---	---	---	---	---	---	4.92	10.2	11
12	---	---	---	---	---	---	---	---	---	---	4.46	8.87	12
13	---	---	---	---	---	---	---	---	---	---	3.86	7.75	13
14	---	---	---	---	---	---	---	---	---	---	3.30	6.48	14
15	---	---	---	---	---	---	---	---	---	---	3.01	5.98	15
16	---	---	---	---	---	---	---	---	---	---	3.49	8.21	16
17	---	---	---	---	---	---	---	---	---	---	5.31	10.9	17
18	---	---	---	---	---	---	---	---	---	---	8.33	11.8	18
19	---	---	---	---	---	---	---	---	---	---	11.9	11.5	19
20	---	---	---	---	---	---	---	---	---	---	12.7	10.5	20
21	---	---	---	---	---	---	---	---	---	---	19.7	9.10	21
22	---	---	---	---	---	---	---	---	---	---	23.6	7.86	22
23	---	---	---	---	---	---	---	---	---	---	23.0	6.86	23
24	---	---	---	---	---	---	---	---	---	---	19.5	6.26	24
25	---	---	---	---	---	---	---	---	---	---	15.6	5.58	25
26	---	---	---	---	---	---	---	---	---	---	12.3	4.88	26
27	---	---	---	---	---	---	---	---	---	---	9.69	4.40	27
28	---	---	---	---	---	---	---	---	---	10.7 A	8.02	4.01	28
29	---		---	---	---	---	---	---	---	9.72	6.46	3.68	29
30	---		---	---	---		---	---	---	9.99	5.28	3.61	30
31	---		---		---		---	---		9.53		3.54	31
TOTAL	---	---	---	---	---	---	---	---	---	---	264.03	259.39	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	8.80	8.37	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	23.6	14.6	MAX
MIN	---	---	---	---	---	---	---	---	---	---	3.01	3.54	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 24 22 N
LONG 64 59 17 W
DRAINAGE AREA, 198 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	22 800
JUN	---	DEC	22 400

PRINCE EDWARD ISLAND

BRUDENELL RIVER AT BRUDENELL - STATION NO. 01CE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.25	0.724	1.14	1.02	1.07	0.721	0.674	0.521	0.397	0.443	0.554	0.995	1
2	1.04 B	0.731	1.13	0.953	1.03	0.682	0.661	0.520	0.393	0.396	0.588	1.07	2
3	0.908B	2.75	1.09	1.16	1.07	0.656	0.653	0.519	0.389	0.409	0.559	2.21	3
4	0.826B	1.63	1.04	1.03	1.08	0.664	0.663	0.526	0.375	0.388	0.530	1.86	4
5	0.815A	0.760B	1.03	1.01	1.03	0.651	0.660	0.513A	0.358	0.358	0.515	1.29	5
6	0.799E	0.662B	1.02	1.06	1.04	0.650	0.759	0.510E	0.364	0.358	0.542	2.13	6
7	0.788A	0.657B	1.01	1.07	1.06	0.676	0.711	0.553A	0.365	0.547	1.06	1.67	7
8	1.51	0.728B	0.971	0.953	1.04	0.637	0.667	0.541	0.358	0.675	0.801	1.66	8
9	1.13	1.07	0.935	0.930	0.988	0.710	0.633	0.507	0.359	0.574	0.641	1.59	9
10	1.01	1.03	0.910	0.978	0.965	1.50	0.640	0.489	0.366	0.608	0.601	1.58	10
11	1.45	0.959	0.895	0.925	0.968	1.11	0.624	0.484	0.363	0.562	0.585	1.58	11
12	1.11	5.23	0.875	0.913	0.950	0.817	0.607	0.477	0.369	0.470	0.611	1.53	12
13	1.08	1.91	0.856	0.884	0.973	0.710	0.585	0.479	0.359	0.421	0.586	1.47	13
14	1.04	1.28	0.843	0.850A	0.975	0.671	0.737	0.485	0.358	0.396	0.577	1.42	14
15	0.980	1.18	0.912	0.805E	0.920	0.663	0.824	0.468	0.361	0.388	0.576	1.45	15
16	0.966	1.12	0.851	0.830E	0.889	0.666	0.709	0.454	0.358	0.372	0.582	2.60	16
17	0.956	1.19	1.76	0.745E	0.930	0.691	0.622	0.480	0.343	0.374	0.724	1.80	17
18	0.935B	1.26	1.50	0.718E	0.898	0.705	0.582	0.493	0.327	0.378	0.919	1.52	18
19	0.920B	1.31	1.01	0.800E	0.865	0.663	0.567	0.470	0.338	0.513	1.09	1.52	19
20	0.910B	1.29	0.926	0.925E	0.847	0.646	0.559	0.442	0.366	0.904	0.793	1.52	20
21	0.900	1.34	0.918	0.810E	0.817	1.00	0.566	0.445	0.354	0.543	2.40	1.45	21
22	0.867	1.31	0.899	0.900E	0.814	0.862	0.622	0.442	0.344	0.463	1.35	1.44	22
23	0.874	1.27	0.882	1.04 E	0.819	0.728	0.576	0.433	0.873	0.423	0.994	1.48	23
24	0.863	1.28	0.869	1.30 E	1.30	0.691	0.538	0.424	0.528	0.421	0.942	1.47	24
25	0.853	1.23	0.874	1.17 E	0.951	0.735	0.520	0.411	0.512	0.438	0.936	1.42	25
26	0.830	1.31	0.863	1.25 E	0.847	1.30	0.524	0.412	0.435	0.429	0.943	1.37	26
27	0.839	1.32	0.832	1.10 E	0.810	0.849	0.597	0.410	0.370	0.623	0.954	1.31	27
28	0.845	1.18	0.824	0.935A	0.761	0.741	0.703	0.421	0.368	1.52	0.955	1.29	28
29	0.819		0.827	0.950	0.736	0.691	0.589	0.405	0.383	0.962	1.00	1.31	29
30	0.794		0.856	1.40	0.734	0.675	0.569	0.398	0.403	0.630	1.03	1.33	30
31	0.754		1.21		0.734		0.562	0.401		0.566		1.26	31
TOTAL	29.661	37.711	30.558	29.414	28.911	23.161	19.503	14.533	11.836	16.552	24.938	47.595	TOTAL
MEAN	0.957	1.35	0.986	0.980	0.933	0.772	0.629	0.469	0.395	0.534	0.831	1.54	MEAN
MAX	1.51	5.23	1.76	1.40	1.30	1.50	0.824	0.553	0.873	1.52	2.40	2.60	MAX
MIN	0.754	0.657	0.824	0.718	0.734	0.637	0.520	0.398	0.327	0.358	0.515	0.995	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.861
MAXIMUM DAILY, 5.23 ON FEB 12
MINIMUM DAILY, 0.327 ON SEP 18
MAXIMUM INSTANTANEOUS,
7.24 AT 12:33 AST ON FEB 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 12 07 N
LONG 62 39 23 W
DRAINAGE AREA, 33.1 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 560	JUL	1 690
FEB	3 260	AUG	1 260
MAR	2 640	SEP	1 020
APR	2 540	OCT	1 430
MAY	2 500	NOV	2 150
JUN	2 000	DEC	4 110

TOTAL DISCHARGE, 27 200 dam³

CARRUTHERS BROOK NEAR ST. ANTHONY - STATION NO. 01CA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.800B	0.380B	1.43	2.30	1.10	1.37	0.572	0.286	0.169	0.414	1.28	1.01	1
2	0.745B	0.360B	1.33	3.60	0.957	0.913	0.517	0.264	0.158	0.342	1.18	1.35	2
3	0.695B	1.26 B	1.24	7.21	0.864	0.706	0.491	0.271	0.165	1.12	1.06	3.70	3
4	0.650B	1.07 B	1.14	6.61	0.797	0.610	0.477	0.265	0.171	0.748	0.943	2.81	4
5	0.615B	0.920B	1.05	6.85	0.807	0.562	0.466	0.259	0.163	0.551	0.835	1.92	5
6	0.580B	0.820B	1.01	8.64	0.819	0.506	0.468	0.253	0.158	0.439	0.889	4.16	6
7	0.560B	0.740B	0.975	4.99	1.25	0.594	0.434	0.278	0.160	0.681	1.72	3.69	7
8	1.00 B	0.670B	0.922	3.05	1.10	0.563	0.414	0.319	0.159	1.74	1.58	2.24	8
9	0.930B	0.850B	0.863	3.01	0.901	0.637	0.397	0.281	0.157	1.41	1.28	1.83	9
10	0.850B	0.716B	0.852	4.95	0.802	2.94	0.394	0.251	0.162	1.10	1.12	1.83	10
11	0.770B	0.645B	0.820	3.10	0.750	2.41	0.379	0.247	0.168	0.900	0.995	2.21	11
12	0.700B	8.00 B	0.789	2.30	0.691	1.39	0.360	0.254	0.168	0.720	1.01	1.99	12
13	0.650B	5.70 B	0.788	1.84	0.725	1.01	0.357	0.255	0.197	0.608	0.871	1.53	13
14	0.600B	4.05 B	0.764	1.57	0.780	0.816	0.404	0.240	0.231	0.530	0.811	1.25	14
15	0.558B	3.00 B	0.792	1.50	0.710	0.718	0.786	0.219	0.201	0.475	0.797	1.14	15
16	0.540B	2.10 B	0.810	1.32	0.678	0.701	0.812	0.335	0.193	0.435	0.761	5.91	16
17	0.530B	1.61 B	1.22	1.27	0.964	0.714	0.593	0.578	0.186	0.390	1.43	6.91	17
18	0.520B	1.44 B	2.59	1.45	1.07	0.625	0.476	0.469	0.180	0.360	2.96	2.76	18
19	0.510B	1.26 B	2.05	1.83	0.857	0.573	0.382	0.405	0.176	0.597	5.48	1.84	19
20	0.505B	1.48 B	1.69	1.45	0.756	0.512	0.352	0.350	0.184	1.31	5.76	1.56	20
21	0.495B	2.00 B	1.38	1.34	0.674	1.73	0.380	0.289	0.181	0.894	7.39	1.38	21
22	0.485B	2.45 B	1.23	1.25	0.635	1.46	0.462	0.261	0.172	0.697	5.25	1.27	22
23	0.475B	2.55	1.28	1.43	0.627	1.58	0.359	0.250	0.211	0.617	2.74	1.19	23
24	0.470B	2.56	1.25	1.27	0.774	1.08	0.310	0.244	0.256	4.49	1.98	1.13	24
25	0.465B	2.10	1.16	1.11	0.892	0.810	0.295	0.233	0.452	4.09	1.64	1.08	25
26	0.463B	1.82	1.09	0.994	0.788	1.23	0.278	0.202	0.370	1.95	1.48	1.01	26
27	0.445B	1.78	1.18	0.927	0.701	1.07	0.417	0.189	0.291	1.71	1.37	1.01	27
28	0.430B	1.60	1.13	0.871	0.639	0.797	0.572	0.202	0.269	4.21	1.28	0.870	28
29	0.420B		1.35	1.41	0.613	0.670	0.420	0.207	0.252	4.27	1.22	0.863	29
30	0.410B		1.90	1.40	0.569	0.615	0.355	0.199	0.454	2.21	1.13	0.856	30
31	0.395B		2.44		1.30		0.326	0.186		1.53		0.819	31
TOTAL	18.257	53.931	38.515	80.842	25.590	29.912	13.705	8.541	6.414	41.538	58.242	63.118	TOTAL
MEAN	0.589	1.93	1.24	2.69	0.825	0.997	0.442	0.276	0.214	1.34	1.94	2.04	MEAN
MAX	1.00	8.00	2.59	8.64	1.30	2.94	0.812	0.578	0.454	4.49	7.39	6.91	MAX
MIN	0.395	0.360	0.764	0.871	0.569	0.506	0.278	0.186	0.157	0.342	0.761	0.819	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.20
MAXIMUM DAILY, 8.64 ON APR 6
MINIMUM DAILY, 0.157 ON SEP 9
MAXIMUM INSTANTANEOUS,
10.0 AT 23:35 AST ON DEC 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 44 39 N
LONG 64 11 08 W
DRAINAGE AREA, 46.8 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 580	JUL	1 180
FEB	4 660	AUG	738
MAR	3 330	SEP	554
APR	6 980	OCT	3 590
MAY	2 210	NOV	5 030
JUN	2 580	DEC	5 450

TOTAL DISCHARGE, 37 900 dam³

DUNK RIVER AT WALL ROAD - STATION NO. 01CB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.15B	1.52B	3.52	2.97	3.47	2.51	3.74	2.06	1.50	1.53	3.66	3.85E	1
2	2.82B	1.50B	3.44	2.84	3.39	2.29	3.55	1.99	1.47	1.52	3.51	5.00E	2
3	2.60B	11.9	3.28	3.81	3.36	2.12	3.40	1.95	1.46	1.57	3.34	4.45E	3
4	2.50B	9.58	3.16	3.96	3.20	2.08	3.28	1.94	1.45	1.55	3.13	4.05E	4
5	2.42B	4.05B	3.07	4.32	2.77	2.09	3.24	1.91	1.44	1.47	2.91	7.90E	5
6	2.33B	3.31	2.94	5.16	2.95	2.07	3.22	1.91	1.45	1.41	2.90	6.60E	6
7	2.27B	3.00	2.87	5.78	2.95	2.14	3.12	1.90	1.42	1.47	4.52	5.05E	7
8	4.28	2.84	2.73	4.94	2.95	2.18	2.92	1.86	1.43	2.04	4.03	4.90E	8
9	3.80B	2.89	2.68	4.50	2.80	2.13	2.83	1.86	1.42	2.08	3.45	4.65E	9
10	3.20B	3.05	2.61	4.25	2.70	3.48	2.77	1.83	1.45	2.09	3.32	4.90E	10
11	2.80	2.92	2.50	4.04	2.66	3.93	2.69	1.78	1.45	1.99	3.27	4.75E	11
12	2.68B	45.3	2.46	3.38	2.62	3.68	2.60	1.77	1.41	1.84	3.20	4.65E	12
13	2.58B	9.60B	2.41	3.23	2.59	3.49	2.52	1.75	1.41	1.76	3.04	4.55E	13
14	2.50B	4.45B	2.42	3.21	2.60	3.27	2.66	1.76	1.45	1.70	2.95	4.50A	14
15	2.42B	3.45B	2.51	3.08	2.57	3.10	3.23	1.74	1.45	1.69	2.85	4.47	15
16	2.35B	6.10B	2.40	3.00	2.52	2.91	2.97	1.71	1.43	1.69	2.82	6.86	16
17	2.27B	4.41	9.22	2.88	2.97	2.82	2.61	1.72	1.43	1.64	2.91	7.30	17
18	2.21B	4.52	5.80	2.85	2.94	2.69	2.48	1.73	1.42	1.62	3.30A	5.96	18
19	2.16B	4.65	3.55	2.92	2.58	2.55	2.33	1.71	1.40	1.78	4.90E	5.69	19
20	2.10B	4.64	3.22	2.16	2.46	2.45	2.16	1.65	1.37	2.86	3.90E	5.56	20
21	2.03B	4.98	3.05	2.16	2.40	3.38	2.23	1.59	1.38	2.33	6.10E	5.21	21
22	1.99B	4.67	2.91	2.62	2.34	3.25	2.36	1.60	1.39	2.13	5.20E	5.34	22
23	1.96B	4.24	2.83	2.73	2.32	4.13	2.28	1.58	1.49	2.08	4.50E	4.74	23
24	1.93	4.24	2.83	2.83	2.42	3.36	2.20	1.57	1.55	2.32	4.25E	4.54	24
25	1.80	4.01	2.74	2.84	2.53	3.24	2.09	1.56	1.65	2.45	4.10E	4.27	25
26	1.74	3.90	2.63	2.97	2.41	6.73	2.06	1.55	1.56	2.16	4.00E	4.06	26
27	1.73	3.91	2.62	2.94	2.35	5.24	2.26	1.55	1.45	2.32	3.90E	3.87	27
28	1.72	3.71	2.59	2.91	2.32	4.69	2.76	1.54	1.41	5.10	3.85E	3.78	28
29	1.66		2.55	2.91	2.30	4.27	2.34	1.52	1.41	6.74	3.81E	3.71	29
30	1.56		2.58	3.79	2.28	3.98	2.16	1.51	1.48	4.70	3.79E	3.64	30
31	1.54B		2.88		2.32		2.11	1.52		4.03		3.52	31
TOTAL	73.10	167.34	97.00	101.98	83.04	96.25	83.17	53.62	43.48	71.66	111.41	152.32	TOTAL
MEAN	2.36	5.98	3.13	3.40	2.68	3.21	2.68	1.73	1.45	2.31	3.71	4.91	MEAN
MAX	4.28	45.3	9.22	5.78	3.47	6.73	3.74	2.06	1.65	6.74	6.10	7.90	MAX
MIN	1.54	1.50	2.40	2.16	2.28	2.07	2.06	1.51	1.37	1.41	2.82	3.52	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.11
MAXIMUM DAILY, 45.3 ON FEB 12
MINIMUM DAILY, 1.37 ON SEP 20
MAXIMUM INSTANTANEOUS,
82.9 AT 13:14 AST ON FEB 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 20 45 N
LONG 63 38 03 W
DRAINAGE AREA, 114 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 320	JUL	7 190
FEB	14 500	AUG	4 630
MAR	8 380	SEP	3 760
APR	8 810	OCT	6 190
MAY	7 170	NOV	9 630
JUN	8 320	DEC	13 200

TOTAL DISCHARGE, 98 100 dam³

EMERALD BROOK NEAR EMERALD - STATION NO. 01CB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.062	0.054	0.121	0.103	0.128	0.088	0.128	0.080	0.048	0.038	0.059	0.138	1
2	0.061	0.057	0.118	0.113	0.126	0.080	0.127	0.077	0.048	0.038	0.061	0.189	2
3	0.061B	1.07	0.111	0.140	0.119	0.083	0.127	0.078	0.048	0.043	0.058	0.230	3
4	0.060	0.285	0.107	0.109	0.118	0.080	0.127	0.080	0.048	0.038	0.059	0.188	4
5	0.059B	0.148	0.095	0.108	0.112	0.079	0.129	0.078	0.047	0.036	0.056	0.164	5
6	0.058B	0.104	0.092	0.143	0.111	0.080	0.132	0.075	0.047	0.036	0.061	0.446	6
7	0.058	0.092	0.088	0.129	0.118	0.088	0.132	0.076	0.047	0.048	0.133	0.212	7
8	0.257	0.085	0.085	0.120	0.110	0.081	0.127	0.076	0.047	0.055	0.069	0.212	8
9	0.132	0.137	0.083	0.117	0.104	0.096	0.123	0.070	0.046	0.050	0.065	0.210	9
10	0.094	0.132	0.084	0.121	0.102	0.140	0.124	0.068	0.045	0.044	0.063	0.211	10
11	0.088B	0.295	0.083	0.118	0.100	0.109	0.120	0.069	0.045	0.040	0.064	0.219	11
12	0.084	2.48	0.082	0.115	0.097	0.096	0.116	0.069	0.043	0.039	0.065	0.210	12
13	0.075	0.208	0.080	0.111	0.097	0.093	0.110	0.066	0.045	0.037	0.065	0.199	13
14	0.074B	0.146	0.082	0.114	0.098	0.091	0.130	0.062	0.043	0.036	0.067	0.198	14
15	0.073	0.131	0.086	0.119	0.092	0.091	0.150	0.059	0.042	0.035	0.065	0.200	15
16	0.070	0.123	0.084	0.112	0.092	0.095	0.117	0.060	0.042	0.034	0.068	0.405	16
17	0.070	0.209	0.617	0.114	0.146	0.095	0.108	0.063	0.040	0.034	0.070	0.238	17
18	0.070B	0.217	0.161	0.121	0.100	0.092	0.105	0.062	0.039	0.033	0.152	0.229	18
19	0.069B	0.209	0.108	0.128	0.095	0.089	0.105	0.058	0.039	0.048	0.112	0.231	19
20	0.068B	0.191	0.103	0.117	0.093	0.088	0.104	0.056	0.042	0.051	0.105	0.239	20
21	0.068	0.209	0.098	0.119	0.088	0.159	0.105	0.057	0.042	0.036	0.365	0.239	21
22	0.068	0.157	0.097	0.118	0.085	0.098	0.104	0.056	0.040	0.037	0.149	0.237	22
23	0.065	0.157	0.098	0.135	0.083	0.177	0.098	0.054	0.045	0.036	0.138	0.231	23
24	0.064	0.139	0.099	0.137	0.096	0.108	0.093	0.054	0.044	0.056	0.139	0.227	24
25	0.064	0.128	0.096	0.138	0.088	0.142	0.086	0.055	0.045	0.039	0.138	0.222	25
26	0.061	0.143	0.096	0.136	0.086	0.231	0.083	0.055	0.037	0.035	0.134	0.222	26
27	0.059	0.130	0.096	0.129	0.088	0.137	0.113	0.055	0.036	0.045	0.137	0.204	27
28	0.059	0.124	0.099	0.127	0.087	0.131	0.095	0.054	0.037	0.261	0.140	0.203	28
29	0.058		0.100	0.140	0.087	0.130	0.085	0.051	0.035	0.089	0.143	0.206	29
30	0.057		0.099	0.156	0.086	0.129	0.084	0.051	0.039	0.070	0.145	0.207	30
31	0.055		0.113		0.094		0.083	0.050		0.064		0.199	31
TOTAL	2.321	7.560	3.561	3.707	3.126	3.276	3.470	1.974	1.291	1.581	3.141	6.965	TOTAL
MEAN	0.075	0.270	0.115	0.124	0.101	0.109	0.112	0.064	0.043	0.051	0.105	0.225	MEAN
MAX	0.257	2.48	0.617	0.156	0.146	0.231	0.150	0.080	0.048	0.261	0.365	0.446	MAX
MIN	0.055	0.054	0.080	0.103	0.083	0.079	0.083	0.050	0.035	0.033	0.056	0.138	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.115
MAXIMUM DAILY, 2.48 ON FEB 12
MINIMUM DAILY, 0.033 ON OCT 18
MAXIMUM INSTANTANEOUS,
6.59 AT 08:03 AST ON FEB 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 21 34 N
LONG 63 33 29 W
DRAINAGE AREA, 5.59 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	201	JUL	300
FEB	653	AUG	171
MAR	308	SEP	112
APR	320	OCT	137
MAY	270	NOV	271
JUN	283	DEC	602

TOTAL DISCHARGE, 3 630 dam³

PRINCE EDWARD ISLAND

MORELL RIVER AT BANGOR - STATION NO. 01CD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.65B	2.59B	5.44	5.99	7.45	2.52	2.80	1.97	0.879	1.89	4.21	4.41	1
2	4.30B	7.00B	5.00	5.51	6.02	2.45	2.54	1.78	0.827	1.93	3.99	4.47	2
3	4.05B	6.00B	4.67	6.62	5.46	2.14	2.36	1.62	0.806	1.96	3.71	10.3	3
4	3.81B	5.00B	4.34	6.57	5.34	1.98	2.24	1.49	0.780	1.96	3.53	14.0	4
5	3.62B	4.10B	4.08	6.03	5.11	1.88	2.16	1.46	0.733	1.83	3.34	10.3	5
6	3.44B	3.65B	3.93	5.97	4.66	1.78	2.14	1.46	0.739	1.58	3.11	12.9	6
7	3.31B	3.35B	3.90	6.11	4.48	1.92	2.38	1.47	0.772	1.91	6.24	13.8	7
8	5.30B	3.10B	3.88	5.48	4.38	2.12	2.34	1.55	0.786	3.39	6.74	12.2	8
9	4.50B	3.75B	3.70	4.79	3.85	2.21	2.26	1.55	0.846	4.76	5.63	10.5	9
10	3.75B	4.25B	3.52	4.30	3.56	7.55	2.21	1.55	0.792	5.59	4.51	9.26	10
11	4.80B	3.87B	3.43	4.11	3.41	9.36	2.11	1.43	0.808	5.08	3.88	9.19	11
12	4.40B	15.9 B	3.28	3.88	3.23	6.92	1.95	1.36	0.801	4.12	3.88	7.58	12
13	4.20B	15.2 B	3.16	3.60	3.29	5.02	1.85	1.34	0.846	3.27	3.60	6.60	13
14	3.94B	8.70B	3.09	3.38	3.37	3.71	2.28	1.38	0.902	2.68	3.28	5.94	14
15	3.72B	6.60B	3.34	3.35	3.21	3.06	3.45	1.30	0.924	2.31	3.08	5.47	15
16	3.60B	6.25B	3.30	3.26	2.99	2.76	3.71	1.21	0.935	2.06	3.05	11.5	16
17	3.50B	5.99	6.87	3.19	3.02	2.69	3.39	1.20	0.916	1.96	3.45	13.5	17
18	3.35B	5.98	11.5	3.14	3.11	3.05	2.80	1.23	0.884	1.75	4.92	9.51	18
19	3.25B	6.22	7.95	4.41	3.04	3.02	2.36	1.24	0.823	1.86	7.78	7.36	19
20	3.12B	6.42	6.13	4.39	2.90	2.58	2.15	1.23	0.937	4.20	6.90	6.52	20
21	3.00B	6.56	5.47	3.98	2.73	4.12	2.03	1.15	1.01	4.10	15.9	5.91	21
22	2.95B	6.62	4.62	4.45	2.51	5.18	1.92	1.09	0.952	3.52	17.8	5.45	22
23	2.89B	6.34	4.52	5.10	2.50	4.96	1.93	1.07	1.62	2.94	11.5	5.45	23
24	2.84B	6.39	4.26	6.62	3.59	4.00	1.79	0.986	2.03	2.71	8.05	5.35	24
25	2.81B	6.04	4.06	6.45	4.23	3.39	1.66	0.932	2.49	2.73	6.48	5.08	25
26	2.85B	6.05	3.71	6.72	3.68	6.38	1.53	0.898	2.42	2.47	6.24	4.71	26
27	2.97B	6.59	3.63	6.65	3.26	6.26	1.72	0.906	2.07	3.37	5.27	4.25	27
28	2.86B	6.01	3.57	5.90	2.98	4.62	2.58	0.927	1.75	8.84	4.95	4.02	28
29	2.79B		3.48	5.30	2.69	3.57	2.46	0.941	1.64	10.7	4.90	3.92	29
30	2.72B		3.49	8.01	2.47	3.09	2.21	0.903	1.64	7.35	4.75	4.13	30
31	2.65B		5.37		2.38		2.08	0.866		5.22		4.15	31
TOTAL	109.94	174.52	140.69	153.26	118.90	114.29	71.39	39.489	34.358	110.04	174.67	237.73	TOTAL
MEAN	3.55	6.23	4.54	5.11	3.71	3.81	2.30	1.27	1.15	3.55	5.82	7.67	MEAN
MAX	5.30	15.9	11.5	8.01	7.45	9.36	3.71	1.97	2.49	10.7	17.8	14.0	MAX
MIN	2.65	2.59	3.09	3.14	2.38	1.78	1.53	0.866	0.733	1.58	3.05	3.92	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.04
MAXIMUM DAILY, 17.8 ON NOV 22
MINIMUM DAILY, 0.733 ON SEP 5
MAXIMUM INSTANTANEOUS,
23.5 AT 16:00 AST ON FEB 12

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 21 40 N
LONG 62 42 02 W
DRAINAGE AREA, 147 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 500	JUL	6 170
FEB	15 100	AUG	3 410
MAR	12 200	SEP	2 970
APR	13 200	OCT	9 510
MAY	9 930	NOV	15 100
JUN	9 870	DEC	20 500

TOTAL DISCHARGE, 127 000 dam³

NORTH BROOK NEAR WALL ROAD - STATION NO. 01CB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.168	0.142	0.292	0.236	0.220	0.188	0.251	0.211	0.137	0.148	0.198	0.239	1
2	0.161	0.152	0.284	0.257	0.202	0.181	0.248	0.208	0.137	0.147	0.202	0.296	2
3	0.160B	3.46	0.260	0.371	0.191	0.181	0.241	0.209	0.142	0.162	0.207	0.439	3
4	0.160B	0.527	0.261	0.319	0.189	0.186	0.238	0.209	0.146	0.157	0.180	0.375	4
5	0.160B	0.294	0.262	0.310	0.179	0.183	0.236	0.206	0.148	0.155	0.178	0.319	5
6	0.161	0.245	0.263	0.350	0.186	0.181	0.242	0.206	0.152	0.156	0.179	0.876	6
7	0.169	0.225	0.264	0.305	0.202	0.181	0.239	0.191	0.147	0.154	0.320	0.464	7
8	0.436	0.223	0.253	0.257	0.211	0.181	0.224	0.182	0.142	0.171	0.248	0.388	8
9	0.269	0.265	0.259	0.267	0.215	0.217	0.214	0.187	0.150	0.172	0.215	0.368	9
10	0.242	0.295	0.240	0.280	0.211	0.277	0.255	0.197	0.148	0.169	0.191	0.364	10
11	0.227	0.363	0.235	0.263	0.204	0.234	0.245	0.189	0.146	0.160	0.193	0.349	11
12	0.189	6.80	0.239	0.254	0.206	0.214	0.229	0.173	0.142	0.162	0.202	0.334	12
13	0.185B	0.449	0.226	0.243	0.205	0.206	0.224	0.175	0.152	0.146	0.188	0.287	13
14	0.180B	0.326	0.213	0.228	0.198	0.189	0.232	0.173	0.152	0.150	0.191	0.277	14
15	0.175	0.297	0.211	0.224	0.201	0.178	0.268	0.176	0.154	0.150	0.189	0.355	15
16	0.164	0.277	0.211	0.208	0.208	0.197	0.251	0.178	0.151E	0.148	0.178	0.957	16
17	0.156	0.414	1.98	0.201	0.319	0.194	0.221	0.182	0.149E	0.144	0.200	0.622	17
18	0.154B	0.481	0.640	0.221	0.209	0.193	0.216	0.175	0.148E	0.142	0.309	0.473	18
19	0.157B	0.525	0.324	0.235	0.196	0.193	0.220	0.172	0.148E	0.171	0.369	0.451	19
20	0.162	0.523	0.277	0.229	0.190	0.180	0.223	0.172	0.146E	0.179	0.274	0.448	20
21	0.161B	0.592	0.271	0.225	0.198	0.252	0.225	0.162	0.148E	0.160	0.839	0.847	21
22	0.160B	0.415	0.277	0.210	0.199	0.201	0.212	0.173	0.151E	0.166	0.438	0.421	22
23	0.160	0.393	0.275	0.221	0.204	0.299	0.206	0.175	0.149A	0.167	0.353	0.412	23
24	0.160	0.358	0.258	0.243	0.213	0.216	0.205	0.179	0.149E	0.225	0.351	0.404	24
25	0.160	0.274	0.234	0.245	0.209	0.224	0.190	0.154	0.148E	0.189	0.349	0.390	25
26	0.162	0.332	0.228	0.225	0.185	0.594	0.200	0.153	0.146E	0.189	0.329	0.378	26
27	0.166	0.338	0.231	0.212	0.181	0.295	0.233	0.155	0.146E	0.202	0.313	0.362	27
28	0.172	0.304	0.235	0.192	0.179	0.269	0.233	0.160	0.144E	0.568	0.294	0.348	28
29	0.168		0.234	0.207	0.184	0.259	0.218	0.152	0.144E	0.437	0.279	0.352	29
30	0.166		0.233	0.249	0.181	0.254	0.204	0.159	0.146E	0.239	0.277	0.358	30
31	0.157		0.270		0.199		0.209	0.145		0.203		0.336	31
TOTAL	5.627	19.289	9.940	7.487	6.274	6.797	7.052	5.538	4.408	5.888	8.233	12.889	TOTAL
MEAN	0.182	0.689	0.321	0.250	0.202	0.227	0.227	0.179	0.147	0.190	0.274	0.416	MEAN
MAX	0.436	6.80	1.98	0.371	0.319	0.594	0.268	0.211	0.154	0.568	0.839	0.957	MAX
MIN	0.154	0.142	0.211	0.192	0.179	0.178	0.190	0.145	0.137	0.142	0.178	0.239	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.272
MAXIMUM DAILY, 6.80 ON FEB 12
MINIMUM DAILY, 0.137 ON SEP 1
MAXIMUM INSTANTANEOUS,
13.0E AT 10:25 AST ON FEB 12

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 20 49 N
LONG 63 37 58 W
DRAINAGE AREA, 12.9 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	486	JUL	609
FEB	1 670	AUG	478
MAR	859	SEP	381
APR	647	OCT	509
MAY	542	NOV	711
JUN	587	DEC	1 110

TOTAL DISCHARGE, 8 590 dam³

PLAT RIVER AT SHERBROOKE - STATION NO. 01CB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.032	0.013	0.031	0.044	0.042	0.034	0.039	0.026	0.022	0.021	0.047	0.051	1
2	0.029	0.024	0.036	0.055	0.040	0.025	0.037	0.026	0.022	0.079	0.043	0.138	2
3	0.027B	0.785	0.037	0.139	0.038	0.024	0.036	0.024	0.021	0.067	0.040	0.130	3
4	0.026B	0.099	0.036	0.059	0.037	0.025	0.036	0.069	0.020	0.025	0.038	0.085	4
5	0.025	0.049	0.042	0.058	0.038	0.024	0.036	0.047	0.020	0.023	0.037	0.063	5
6	0.022	0.038	0.045	0.132	0.039	0.035	0.040	0.032	0.020	0.023	0.057	0.279	6
7	0.022	0.027	0.038	0.064	0.050	0.062	0.037	0.033	0.021	0.102	0.234	0.106	7
8	0.245B	0.018	0.034	0.046	0.037	0.030	0.034	0.030	0.020	0.051	0.063	0.092	8
9	0.049	0.058	0.034	0.044	0.034	0.098	0.032	0.030	0.020	0.084	0.050	0.084	9
10	0.035	0.032	0.034	0.066	0.033	0.179	0.043	0.028	0.020	0.048	0.046	0.089	10
11	0.031	0.133	0.036	0.042	0.031	0.075	0.030	0.026	0.018	0.036	0.049	0.102	11
12	0.024	0.928	0.036	0.042	0.031	0.044	0.031	0.026	0.018	0.030	0.048	0.075	12
13	0.023	0.068	0.039	0.039	0.039	0.039	0.029	0.027	0.035	0.029	0.041	0.062	13
14	0.021	0.032	0.043	0.038	0.034	0.036	0.052	0.029	0.035	0.027	0.041	0.058	14
15	0.017	0.021	0.044	0.040	0.032	0.034	0.204	0.026	0.027	0.026	0.041	0.063	15
16	0.016	0.018	0.041	0.032	0.029	0.038	0.040	0.094	0.023	0.027	0.042	0.386	16
17	0.016	0.051	0.260	0.035	0.081	0.052	0.032	0.047	0.021	0.028	0.145	0.130	17
18	0.016B	0.076	0.121	0.055	0.036	0.041	0.030	0.164	0.021	0.028	0.228	0.079	18
19	0.016B	0.074	0.050	0.066	0.030	0.032	0.030	0.035	0.021	0.089	0.164	0.075	19
20	0.016	0.085	0.045	0.039	0.030	0.030	0.028	0.030	0.032	0.076	0.119	0.076	20
21	0.015	0.095	0.040	0.045	0.029	0.223	0.039	0.029	0.020	0.033	0.382	0.068	21
22	0.015	0.056	0.040	0.036	0.027	0.054	0.030	0.027	0.019	0.032	0.108	0.070	22
23	0.015	0.046	0.042	0.071	0.036	0.154	0.026	0.026	0.056	0.031	0.080	0.071	23
24	0.014	0.036	0.042	0.045	0.066	0.045	0.026	0.026	0.069	0.091	0.068	0.068	24
25	0.014	0.030	0.037	0.042	0.042	0.092	0.025	0.025	0.060	0.038	0.065	0.065	25
26	0.014	0.034	0.039	0.039	0.032	0.216	0.025	0.024	0.023	0.036	0.064	0.060	26
27	0.018B	0.035	0.040	0.035	0.027	0.057	0.113	0.026	0.021	0.085	0.062	0.055	27
28	0.017	0.029	0.037	0.034	0.029	0.046	0.040	0.026	0.020	0.362	0.062	0.057	28
29	0.016		0.039	0.070	0.025	0.041	0.028	0.024	0.019	0.098	0.063	0.058	29
30	0.014		0.044	0.089	0.025	0.040	0.028	0.023	0.045	0.051	0.056	0.058	30
31	0.013		0.076		0.074		0.027	0.023		0.046		0.056	31
TOTAL	0.873	2.990	1.558	1.641	1.173	1.925	1.283	1.128	0.809	1.822	2.583	2.909	TOTAL
MEAN	0.028	0.107	0.050	0.055	0.038	0.064	0.041	0.036	0.027	0.059	0.086	0.094	MEAN
MAX	0.245	0.928	0.260	0.139	0.081	0.223	0.204	0.164	0.069	0.362	0.382	0.386	MAX
MIN	0.013	0.013	0.031	0.032	0.025	0.024	0.025	0.023	0.018	0.021	0.037	0.051	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.057
MAXIMUM DAILY, 0.928 ON FEB 12
MINIMUM DAILY, 0.013 ON JAN 31
MAXIMUM INSTANTANEOUS,
1.92 AT 07:41 AST ON FEB 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 25 24 N
LONG 63 46 38 W
DRAINAGE AREA, 4.51 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	75.4	JUL	111
FEB	258	AUG	97.5
MAR	135	SEP	69.9
APR	142	OCT	157
MAY	101	NOV	223
JUN	166	DEC	251

TOTAL DISCHARGE, 1 790 dam³

WILMOT RIVER NEAR WILMOT VALLEY - STATION NO. 01CB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.881B	0.594	1.12	1.01	1.04	0.841	1.07	0.659	0.500	0.477	0.885	1.28	1
2	0.766B	0.624	1.10	1.04	0.990	0.768	1.05	0.651	0.502	0.533	0.883	1.45	2
3	0.712	9.58	1.04	1.71	0.972	0.740	1.03	0.642	0.504	0.653	0.861	2.42	3
4	0.690B	2.57 B	1.01	1.31	0.946	0.741	1.00	0.643	0.501	0.503	0.834	1.91	4
5	0.662B	1.51 B	0.981	1.36	0.947	0.733	0.983	0.678	0.492	0.473	0.803	1.46	5
6	0.646B	1.15 B	0.955	1.73	0.947	0.729	0.986	0.657	0.489	0.462	0.854	4.65	6
7	0.634B	1.08	0.940	1.48	0.976	0.758	0.977	0.653	0.490	0.577	2.06	2.02	7
8	2.00 A	1.02	0.908	1.26	0.939	0.741	0.945	0.638	0.499	0.695	1.30	1.81	8
9	1.15 B	1.30	0.893	1.23	0.896	0.794	0.923	0.623	0.493	0.702	0.974	1.78	9
10	0.910B	1.29	0.883	1.28	0.878	1.38	0.922	0.608	0.482	0.670	0.908	1.76	10
11	0.846B	1.57	0.869	1.22	0.866	1.11	0.887	0.604	0.482	0.559	0.885	1.89	11
12	0.804B	19.1	0.862	1.18	0.853	0.901	0.872	0.601	0.482	0.522	0.898	1.72	12
13	0.778	2.09 B	0.851	1.12	0.848	0.859	0.854	0.593	0.485	0.506	0.873	1.60	13
14	0.766B	1.46 B	0.850	1.07	0.848	0.840	0.962	0.583	0.472	0.498	0.848	1.52	14
15	0.754B	1.34 B	0.926	1.08	0.828	0.831	1.97	0.582	0.478	0.495	0.835	1.48	15
16	0.754	1.31 B	0.863	1.02	0.814	0.829	0.930	0.610	0.479	0.488	0.831	4.52	16
17	0.734	1.69	4.71	1.02	1.25	0.833	0.839	0.630	0.472	0.494	1.02	2.27	17
18	0.718B	1.84	3.52	1.05	0.980	0.830	0.804	0.601	0.469	0.488	2.12	1.86	18
19	0.710B	1.94	1.28	1.12	0.860	0.802	0.786	0.583	0.460	0.608	2.02	1.87	19
20	0.698B	1.99	1.16	1.02	0.836	0.776	0.767	0.572	0.463	0.952	1.53	1.84	20
21	0.695	2.23	1.09	0.989	0.810	1.40	0.762	0.561	0.463	0.587	4.76	1.78	21
22	0.668	1.73	1.04	0.966	0.794	1.00	0.767	0.556	0.461	0.559	2.01	1.73	22
23	0.664	1.55	1.06	1.06	0.794	1.51	0.739	0.544	0.510	0.545	1.71	1.69	23
24	0.656	1.42	1.04	1.11	0.901	0.954	0.714	0.547	0.503	1.17	1.64	1.64	24
25	0.637	1.27	0.989	1.07	0.913	0.970	0.698	0.539	0.570	0.703	1.57	1.58	25
26	0.627	1.29	0.950	1.03	0.832	2.54	0.680	0.537	0.494	0.590	1.52	1.50	26
27	0.629	1.28	0.969	0.987	0.802	1.22	0.774	0.537	0.477	0.764	1.49	1.41	27
28	0.616	1.16	0.949	0.961	0.792	1.14	0.801	0.525	0.465	3.86	1.47	1.37	28
29	0.603		0.942	0.968	0.787	1.12	0.702	0.516	0.462	1.76	1.43	1.35	29
30	0.594		0.962	1.29	0.781	1.09	0.688	0.513	0.489	0.961	1.36	1.32	30
31	0.600		1.17		0.829		0.666	0.508		0.904		1.23	31
TOTAL	23.602	66.978	36.882	34.741	27.549	29.780	26.648	18.294	14.588	23.758	41.182	57.71	TOTAL
MEAN	0.761	2.39	1.19	1.16	0.889	0.993	0.860	0.590	0.486	0.766	1.37	1.86	MEAN
MAX	2.00	19.1	4.71	1.73	1.25	2.54	1.07	0.678	0.570	3.86	4.76	4.65	MAX
MIN	0.594	0.594	0.850	0.961	0.781	0.729	0.666	0.508	0.460	0.462	0.803	1.23	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.10
MAXIMUM DAILY, 19.1 ON FEB 12
MINIMUM DAILY, 0.460 ON SEP 19
MAXIMUM INSTANTANEOUS,
29.1 AT 10:13 AST ON FEB 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 23 35 N
LONG 63 39 35 W
DRAINAGE AREA, 85.4 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 040	JUL	2 300
FEB	5 790	AUG	1 580
MAR	3 190	SEP	1 260
APR	3 000	OCT	2 050
MAY	2 380	NOV	3 560
JUN	2 570	DEC	4 990

TOTAL DISCHARGE, 34 700 dam³

PRINCE EDWARD ISLAND

WINTER RIVER AT BRACKLEY WELLS PUMPING STATION - STATION NO. 01CC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.107	0.015	0.076	0.080	0.081	0.022	0.036	0.009	0.001	0.001	0.022	0.113	1
2	0.082	0.014	0.070	0.068	0.072	0.016	0.039	0.007	0.001	0.001	0.024	0.133	2
3	0.072	0.174	0.063	0.157	0.078	0.014	0.040	0.006	0.001	0.001	0.024	0.896	3
4	0.060	0.245	0.057	0.111	0.077	0.013	0.040	0.007	0.001	0.001	0.024	0.541	4
5	0.050	0.135	0.052	0.114	0.069	0.012	0.040	0.007	0.001	0.001	0.024	0.145	5
6	0.043	0.051	0.049	0.190	0.062	0.011	0.045	0.007	0.002	0.001	0.032	0.662	6
7	0.041	0.044	0.063	0.140	0.059	0.013	0.045	0.007	0.002	0	0.533	0.251	7
8	0.120	0.049	0.074	0.074	0.053	0.011	0.040	0.005	0.002	0.020	0.146	0.164	8
9	0.122	0.063	0.068	0.062	0.046	0.019	0.037	0.003	0.002	0.018	0.074	0.147	9
10	0.077	0.064	0.051	0.059	0.042	0.287	0.036	0.001	0.002	0.024	0.061	0.145	10
11	0.109	0.047	0.045	0.054	0.039	0.213	0.033	0.001	0.002	0.017	0.057	0.219	11
12	0.090	1.26	0.042	0.049	0.038	0.053	0.030	0.001	0.001	0.006	0.062	0.176	12
13	0.068	0.389	0.038	0.045	0.038	0.026	0.027	0.001	0.001	0.002	0.057	0.133	13
14	0.066	0.125	0.036	0.043	0.036	0.018	0.040	0.001	0.001	0.001	0.054	0.123	14
15	0.053	0.080	0.043	0.042	0.032	0.015	0.048	0.001	0.001	0.001	0.053	0.123	15
16	0.048	0.066	0.031	0.037	0.040	0.015	0.040	0.001	0.001	0.001	0.053	0.679	16
17	0.045	0.084	0.317	0.037	0.059	0.017	0.028	0.001	0.001	0.001	0.113	0.273	17
18	0.042	0.114	0.335	0.053	0.059	0.017	0.022	0.001	0.001	0.001	0.233	0.154	18
19	0.041	0.153	0.086	0.121	0.042	0.015	0.020	0.001	0.001	0.140	0.397	0.142	19
20	0.041	0.156	0.064	0.074	0.037	0.014	0.020	0.001	0.001	0.495	0.293	0.141	20
21	0.037	0.212	0.064	0.058	0.044	0.081	0.019	0.001	0.001	0.055	1.33	0.134	21
22	0.032	0.175	0.072	0.054	0.046	0.069	0.020	0.001	0.001	0.017	0.418	0.130	22
23	0.029	0.157	0.042	0.098	0.040	0.152	0.016	0.001	0.001	0.007	0.262	0.129	23
24	0.032	0.156	0.044	0.132	0.044	0.062	0.013	0.001	0.001	0.009	0.145	0.128	24
25	0.041	0.125	0.053	0.084	0.038	0.033	0.012	0.001	0.001	0.033	0.141	0.124	25
26	0.045	0.138	0.045	0.069	0.028	0.371	0.011	0.001	0.001	0.015	0.131	0.118	26
27	0.037	0.136	0.047	0.052	0.025	0.137	0.023	0.001	0.001	0.055	0.128	0.110	27
28	0.034	0.088	0.044	0.044	0.022	0.053	0.049	0.001	0.001	0.557	0.128	0.103	28
29	0.028		0.041	0.047	0.019	0.027	0.022	0.001	0.001	0.390	0.127	0.101	29
30	0.023		0.045	0.214	0.017	0.013	0.015	0.001	0.001	0.056	0.119	0.099	30
31	0.019		0.119		0.020		0.012	0.001		0.029		0.088	31
TOTAL	1.734	4.515	2.276	2.462	1.402	1.819	0.918	0.080	0.036	1.956	5.265	6.624	TOTAL
MEAN	0.056	0.161	0.073	0.082	0.045	0.061	0.030	0.003	0.001	0.063	0.176	0.214	MEAN
MAX	0.122	1.26	0.335	0.214	0.081	0.371	0.049	0.009	0.002	0.557	1.33	0.896	MAX
MIN	0.019	0.014	0.031	0.037	0.017	0.011	0.011	0.001	0.001	0	0.022	0.088	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.080
MAXIMUM DAILY, 1.33 ON NOV 21
MINIMUM DAILY, 0 ON OCT 7
MAXIMUM INSTANTANEOUS,
2.93 AT 19:37 AST ON NOV 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 18 54 N
LONG 63 08 48 W
DRAINAGE AREA, 4.92 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	150	JUL	79.3
FEB	390	AUG	6.91
MAR	197	SEP	3.11
APR	213	OCT	169
MAY	121	NOV	455
JUN	157	DEC	572

TOTAL DISCHARGE, 2 510 dam³

REMARKS - EXTREME HIGH FLOWS BYPASS THE GAUGE

WINTER RIVER NEAR SUFFOLK - STATION NO. 01CC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.35	0.552	1.01	1.16	1.18	0.306	0.837	0.500	0.178	0.241	0.670	1.31	1
2	1.15	0.622	0.952	0.791	0.975	0.521	0.805	0.374	0.149	0.176	0.570	1.21	2
3	1.04	1.22	0.710	1.11	0.932	0.658	0.768	0.490	0.376	0.268	0.489	2.61	3
4	0.959	1.97	0.737	1.10	0.810	0.578	0.795	0.410	0.300	0.117	0.607	2.61	4
5	0.937	1.00 E	1.04	1.07	0.776	0.299	0.814	0.468	0.244	0.246	0.653	1.91	5
6	0.868	0.650E	0.934	1.04	0.807	0.250	0.897A	0.667	0.142	0.298	0.755	1.93	6
7	0.834	0.470E	0.849	1.18	0.816	0.406	0.855E	0.465	0.245	0.231	2.23	2.62	7
8	1.07	0.600E	0.790	0.751	0.814	0.606	0.820E	0.430	0.118	0.344	1.93	1.76	8
9	1.29	0.780E	0.769	0.788	0.798	0.656	0.795E	0.301	0.144	0.510	0.985	1.51	9
10	1.19	0.670E	0.738	0.822	0.733	1.29	0.760E	0.513	0.240	0.157	0.842	1.45	10
11	1.15	0.560E	0.719	0.845	0.725	1.84	0.735E	0.572	0.141	0.096	0.763	1.49	11
12	1.15	8.00 E	0.716	0.673	0.662	0.848	0.710E	0.407	0.404	0.210	0.907	1.58	12
13	1.09	1.94 A	0.705	0.692	0.719	0.696	0.680E	0.397	0.469	0.180	0.759	1.47	13
14	1.03	1.65	0.673	0.708	0.869	0.662	0.870E	0.241	0.334	0.117	0.672	1.39	14
15	0.970	1.03	0.716	0.684	0.794	0.658	1.09 A	0.324	0.241	0.191	0.706	2.39	15
16	0.921	0.917	0.713	0.713	0.640	0.676	0.837	0.206	0.157	0.223	0.763	2.48	16
17	0.956	0.935	0.899	0.764	0.598	0.529	0.829	0.328	0.157	0.181	0.835	2.13	17
18	0.957	1.17	2.36	0.803	0.953	0.421	0.739	0.329	0.205	0.201	1.57	1.16	18
19	0.972	1.29	0.992	1.06	0.822	0.522	0.759	0.267	0.295	0.179	3.06	0.750	19
20	0.933	1.32	0.690	1.03	0.608	0.568	0.712	0.289	0.100	1.69	2.06	0.927	20
21	0.861	1.33	0.763	0.933	0.652	0.595	0.744	0.192	0.131	0.970	4.77	1.19	21
22	0.858	1.47	0.756	0.864	0.645	1.04	0.685	0.400	0.279	0.529	3.79	1.40	22
23	0.576	1.30	0.756	0.908	0.582	1.08	0.243	0.216	0.241	0.337	1.50	1.21	23
24	0.341	1.22	0.722	0.981	0.843	0.898	0.295	0.362	0.300	0.263	1.51	1.14	24
25	0.798	1.15	0.653	1.01	0.621	0.824	0.724	0.415	0.444	0.425	1.17	1.21	25
26	0.589	0.742	0.688	0.796	0.561	1.58	0.550	0.341	0.493	0.529	1.09	1.16	26
27	0.605	1.39	0.703	0.848	0.642	1.41	0.761	0.290	0.408	0.357	1.26	1.11	27
28	0.980	1.08	0.736	0.866	0.691	0.749	0.944	0.245	0.458	1.49	1.47	1.12	28
29	0.876		0.751	0.768	0.600	0.505	0.840	0.302	0.216	2.74	1.51	1.12	29
30	0.290		0.744	1.11	0.557	0.745	0.774	0.246	0.103	0.929	1.40	1.13	30
31	0.316		1.29		0.470		0.573	0.255		0.693		1.08	31
TOTAL	27.907	37.028	26.274	26.868	22.895	22.416	23.240	11.242	7.712	15.318	41.296	47.557	TOTAL
MEAN	0.900	1.32	0.848	0.896	0.739	0.747	0.750	0.363	0.257	0.494	1.38	1.53	MEAN
MAX	1.35	8.00	2.36	1.18	1.18	1.84	1.09	0.667	0.493	2.74	4.77	2.62	MAX
MIN	0.290	0.470	0.653	0.673	0.470	0.250	0.243	0.192	0.100	0.096	0.489	0.750	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.849
MAXIMUM DAILY, 8.00E ON FEB 12
MINIMUM DAILY, 0.096 ON OCT 11
MAXIMUM INSTANTANEOUS,
9.97 AT 17:06 AST ON NOV 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 19 56 N
LONG 63 03 53 W
DRAINAGE AREA, 37.5 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 410	JUL	2 010
FEB	3 200	AUG	971
MAR	2 270	SEP	666
APR	2 320	OCT	1 320
MAY	1 980	NOV	3 570
JUN	1 940	DEC	4 110

TOTAL DISCHARGE, 26 800 dam³

NAME	STATION NO.	PAGE
NEWFOUNDLAND AND LABRADOR		
ALEXIS RIVER NEAR PORT HOPE SIMPSON	03QC002	1
ASHUANIPI RIVER AT MENIHEK RAPIDS	03OA001	1
ASHUANIPI RIVER BELOW WIGHTMAN LAKE	03OA004	2
ATIKONAK RIVER (WEST BRANCH) BELOW KEPIMITS LAKE	03OC004	2
ATIKONAK RIVER ABOVE ATIKONAK LAKE	03OC005	3
ATIKONAK RIVER ABOVE PANCHIA LAKE	03OC003	3
ATIKONAK RIVER AT GABBRO LAKE	03OC006	4
ATIKONAK RIVER AT OSSAKMANUAN LAKE CONTROL STRUCTURE	03OD006	4
BAY DU NORD RIVER AT BIG FALLS	02EF001	5
BLANCHE BROOK NEAR STEPHENVILLE	02YJ002	5
BROAD COVE BROOK NEAR ST. PHILLIPS	02ZM007	6
CAT ARM RIVER ABOVE GREAT CAT ARM	02YF001	6
CHURCHILL RIVER ABOVE UPPER MUSKRAT FALLS	03OE001	7
CHURCHILL RIVER AT CHURCHILL FALLS POWERHOUSE	03OD005	7
CHURCHILL RIVER AT FOOT OF LOWER MUSKRAT FALLS	03OE007	8
CHURCHILL RIVER BELOW GULL ISLAND RAPIDS	03OE006	8
CHURCHILL RIVER BETWEEN UPPER AND LOWER MUSKRAT FALLS	03OE005	9
COME BY CHANCE RIVER NEAR GOOBIES	02ZH002	9
CORNER BROOK AT WATSONS BROOK POWERHOUSE	02YL002	10
EAGLE RIVER ABOVE FALLS	03QC001	10
EXPLOITS RIVER AT GRAND FALLS	02YO001	11
EXPLOITS RIVER BELOW STONY BROOK	02YO005	11
GANDER RIVER AT BIG CHUTE	02YQ001	12
GARNISH RIVER NEAR GARNISH	02ZG001	12
GREY RIVER NEAR GREY RIVER	02ZD002	13
HARRYS RIVER BELOW HIGHWAY BRIDGE	02YJ001	13
HINDS BROOK AT HINDS BROOK POWERHOUSE	02YK006	14
HUMBER RIVER AT GRAND LAKE OUTLET	02YK001	14
INDIAN BAY BROOK NEAR NORTHWEST ARM	02YR003	15
INDIAN BROOK AT INDIAN FALLS	02YM001	15
ISLE AUX MORTS RIVER BELOW HIGHWAY BRIDGE	02ZB001	16
KANAIRIKTOK RIVER BELOW SNEGAMOOK LAKE	03NG001	16
LEWASEECHJEECH BROOK AT LITTLE GRAND LAKE	02YK002	17
LITTLE BARACHOIS BROOK NEAR ST. GEORGE'S	02ZA001	17
LITTLE MECATINA RIVER ABOVE LAC FOURMONT	02XA003	18
LLOYDS RIVER BELOW KING GEORGE IV LAKE	02YN002	18
MIDDLE BROOK NEAR GAMBO	02YR001	19
MINIPI RIVER BELOW MINIPI LAKE	03OE003	19
MOBILE RIVER AT MOBILE FIRST POND	02ZM003	20
NASKAUPI RIVER BELOW NASKAUPI LAKE	03PB002	20
NORTHEAST BROOK NEAR RODDICKTON	02YD002	21
NORTHEAST POND RIVER AT NORTHEAST POND	02ZM006	21
NORTHEAST RIVER NEAR PLACENTIA	02ZK002	22
NORTHWEST BROOK AT NORTHWEST POND	02ZN001	22
PETERS RIVER NEAR BOTWOOD	02YO006	23
PETTY HARBOUR RIVER AT SECOND POND	02ZM001	23
PIERRES BROOK AT GULL POND	02ZM002	24
PIPERS HOLE RIVER AT MOTHERS BROOK	02ZH001	24
RAGGED HARBOUR RIVER NEAR MUSGRAVE HARBOUR	02YR002	25
RATTLE BROOK NEAR BOAT HARBOUR	02ZG004	25
RATTLING BROOK AT RATTLING BROOK POWERHOUSE	02YO003	26
RIVIERE JOIR NEAR PROVINCIAL BOUNDARY	02XA004	26
ROCKY RIVER NEAR COLINET	02ZK001	27
SALMON RIVER AT BAY D'ESPOIR POWERHOUSE	02ZE003	27
SALMON RIVER AT ROUND POND	02ZE002	28
SALMONIER RIVER NEAR LAMALINE	02ZG003	28
SANDY BROOK AT SANDY BROOK POWERHOUSE	02YO004	29
SEAL COVE BROOK NEAR CAPPAHAYDEN	02ZM009	29
SHEFFIELD RIVER NEAR TRANS CANADA HIGHWAY	02YK005	30
SOUTH WEST BROOK NEAR BAIE VERTE	02YM003	30
SOUTHERN BAY RIVER NEAR SOUTHERN BAY	02ZJ001	31
SOUTHWEST BROOK AT TERRA NOVA NATIONAL PARK	02YS003	31
SPOUT COVE BROOK NEAR SPOUT COVE	02ZL003	32
STE. GENEVIEVE RIVER NEAR FORRESTERS POINT	02YA001	32
TERRA NOVA RIVER AT EIGHT MILE BRIDGES	02YS001	33
TIDES BROOK BELOW FRESHWATER POND	02ZG002	33
TORRENT RIVER AT BRISTOL'S POOL	02YC001	34
UGJOKTOK RIVER BELOW HARP LAKE	03NF001	34
UPPER HUMBER RIVER NEAR REIDVILLE	02YL001	35
WATERFORD RIVER AT KILBRIDE	02ZM008	35
WATERFORD RIVER AT MOUNT PEARL	02ZM010	36
WATERFORD RIVER NEAR DONOVANS INDUSTRIAL PARK	02ZM011	36
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EEL RIVER NEAR SCOTT SIDING	01AK008	44
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HAYDEN BROOK NEAR NARROWS MOUNTAIN	01AL003	48
JACQUET RIVER NEAR DURHAM CENTRE	01BJ003	49
JEMSEG RIVER AT JEMSEG	01AO008	49
KENNEBECASIS RIVER AT APOHAQUI	01AP004	50
KOUCHIBOUGUAC RIVER NEAR VAUTOUR	01BR001	50
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